

(The following text is extremely faint and largely illegible due to low contrast and blurring. It appears to be a list or index of names and dates.)

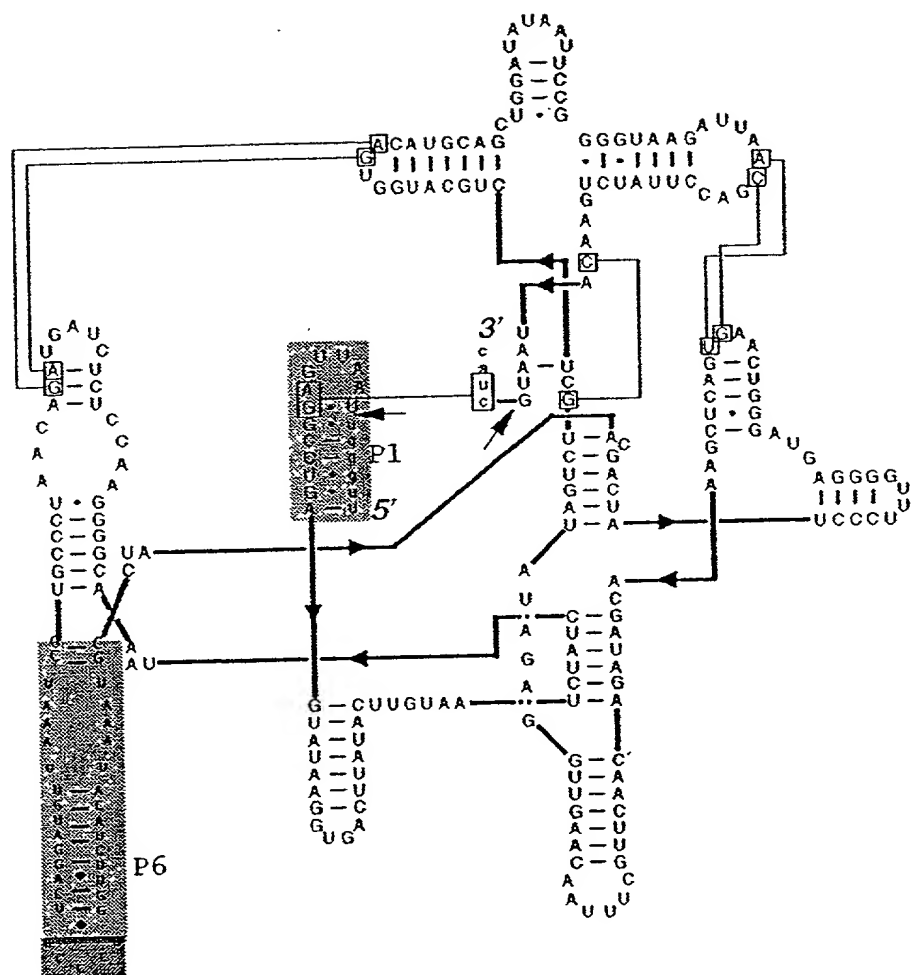
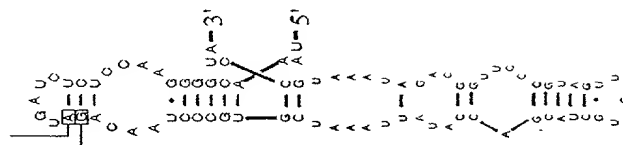
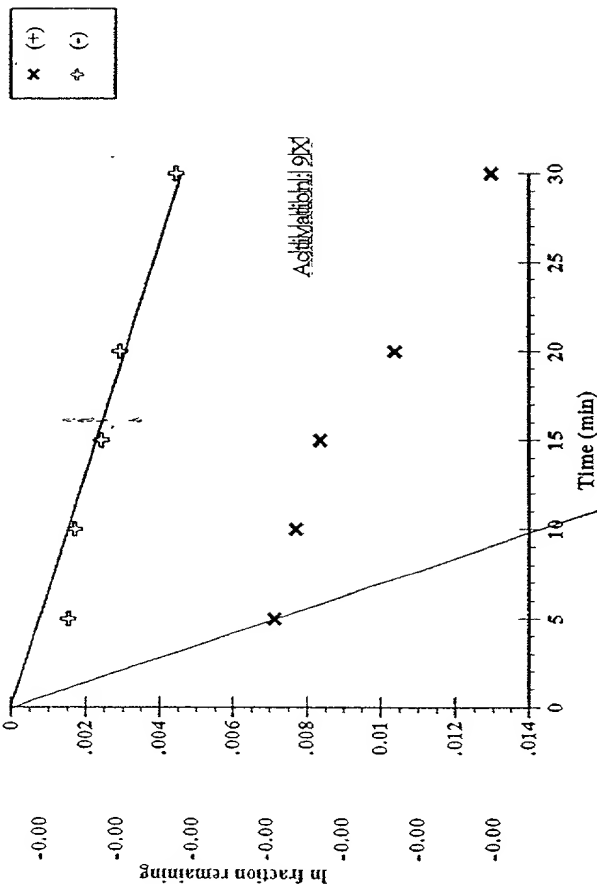
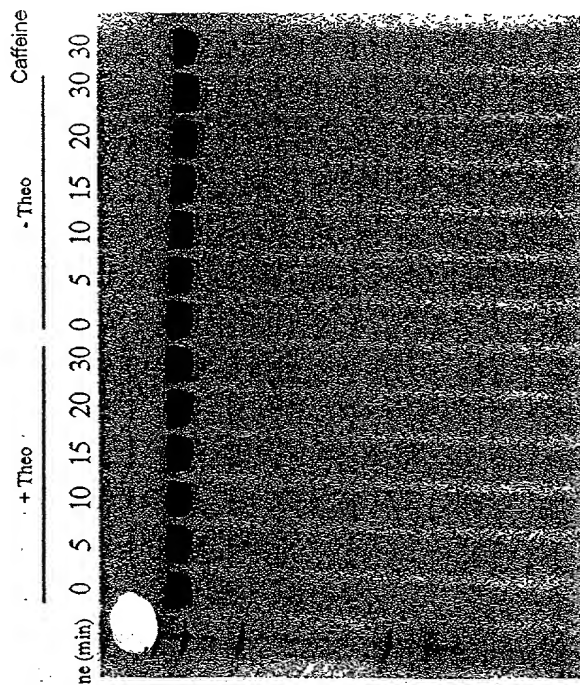
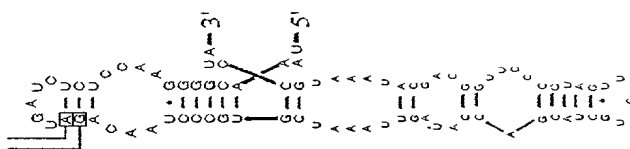
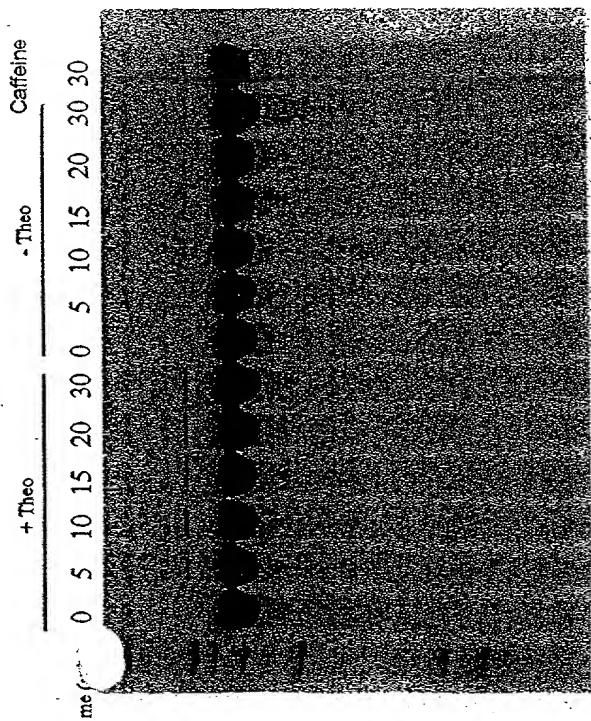


Figure 2a.



GpITH1P6.131

Figure 2b.



GpITH2P6.133

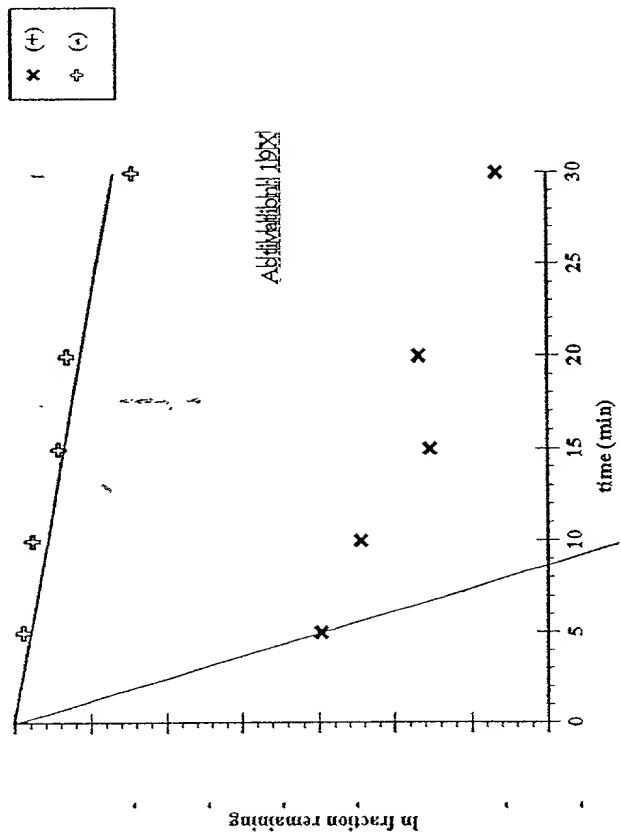


Figure 3.

In Vivo Assay

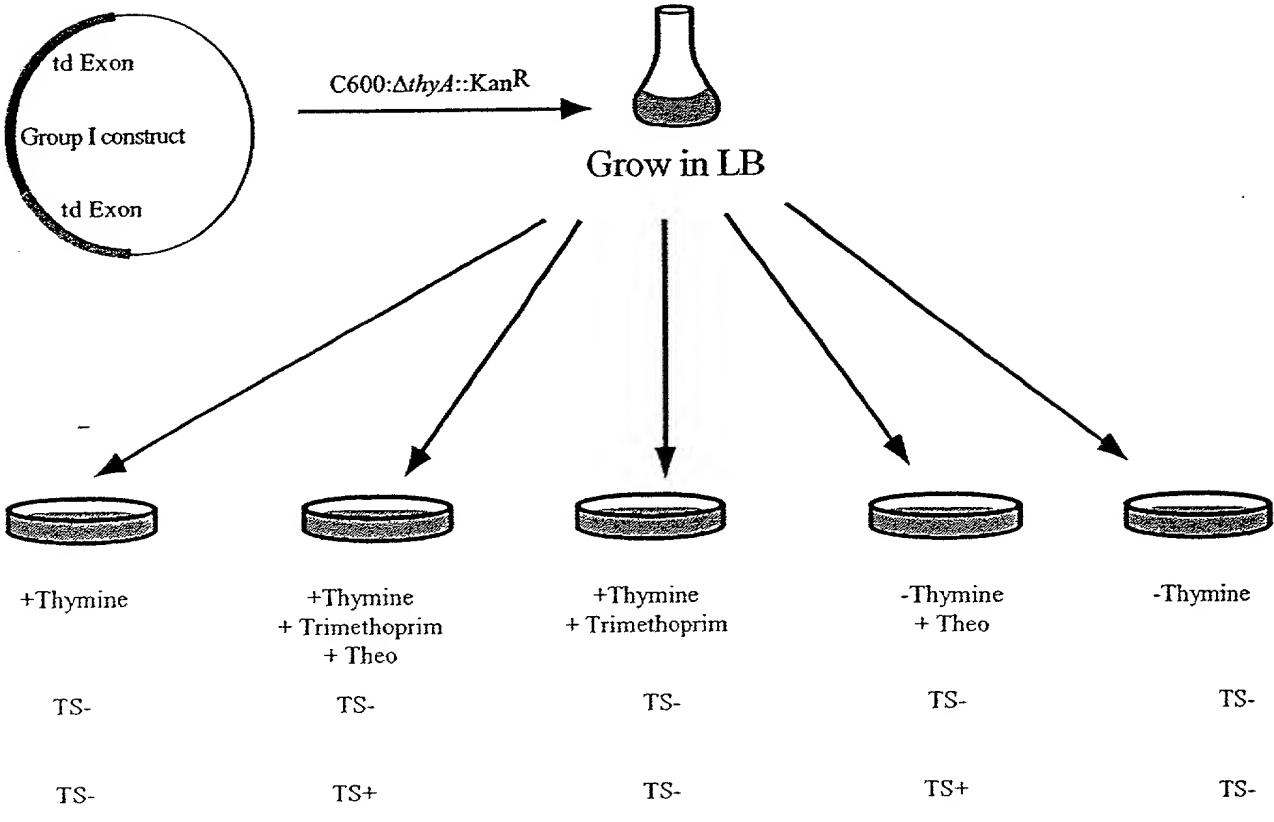
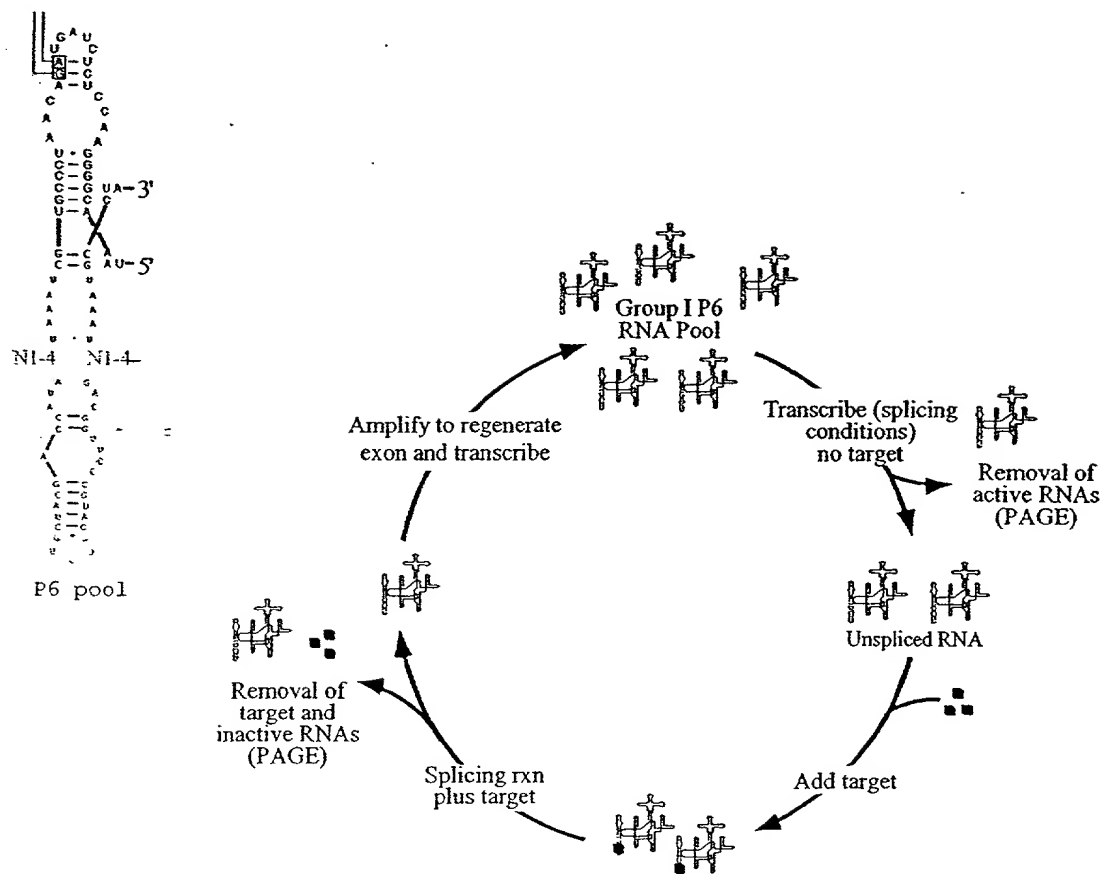


Figure 4.



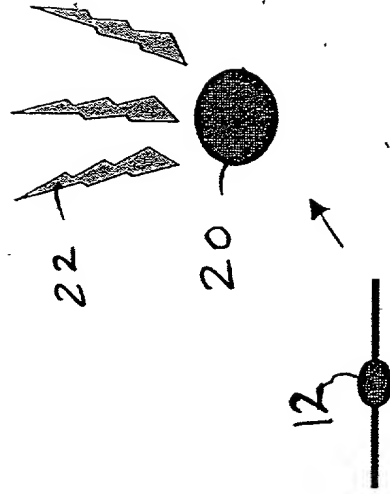
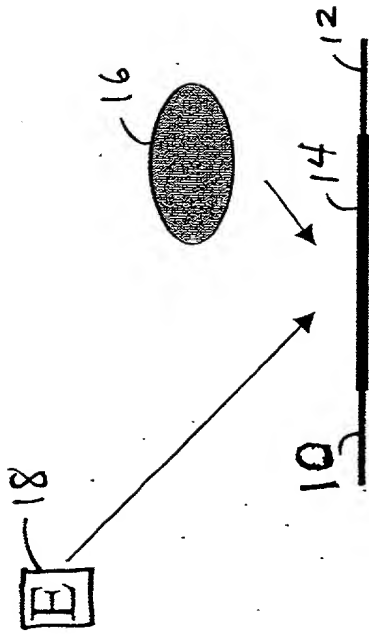


Fig. 5

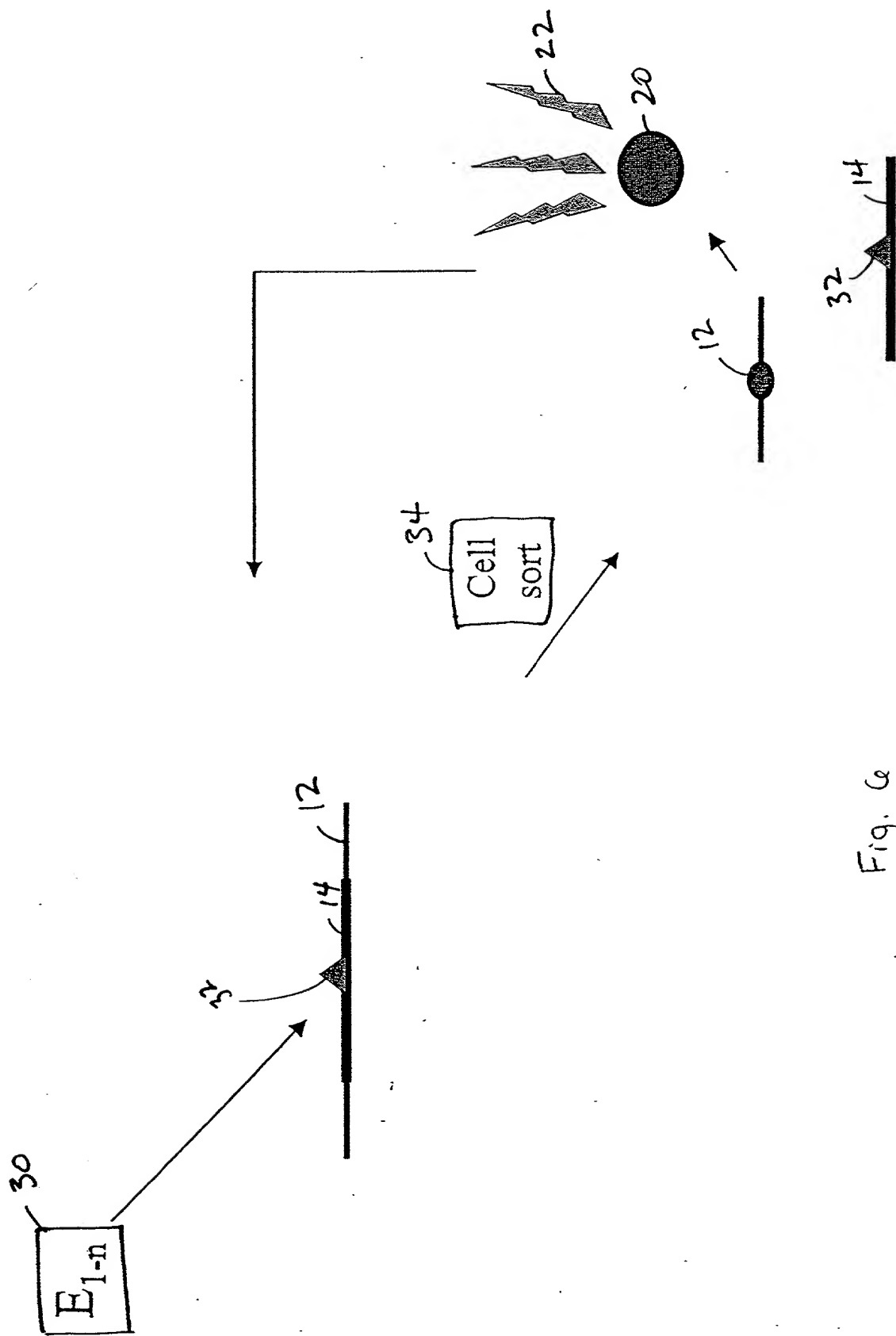


Fig. 6

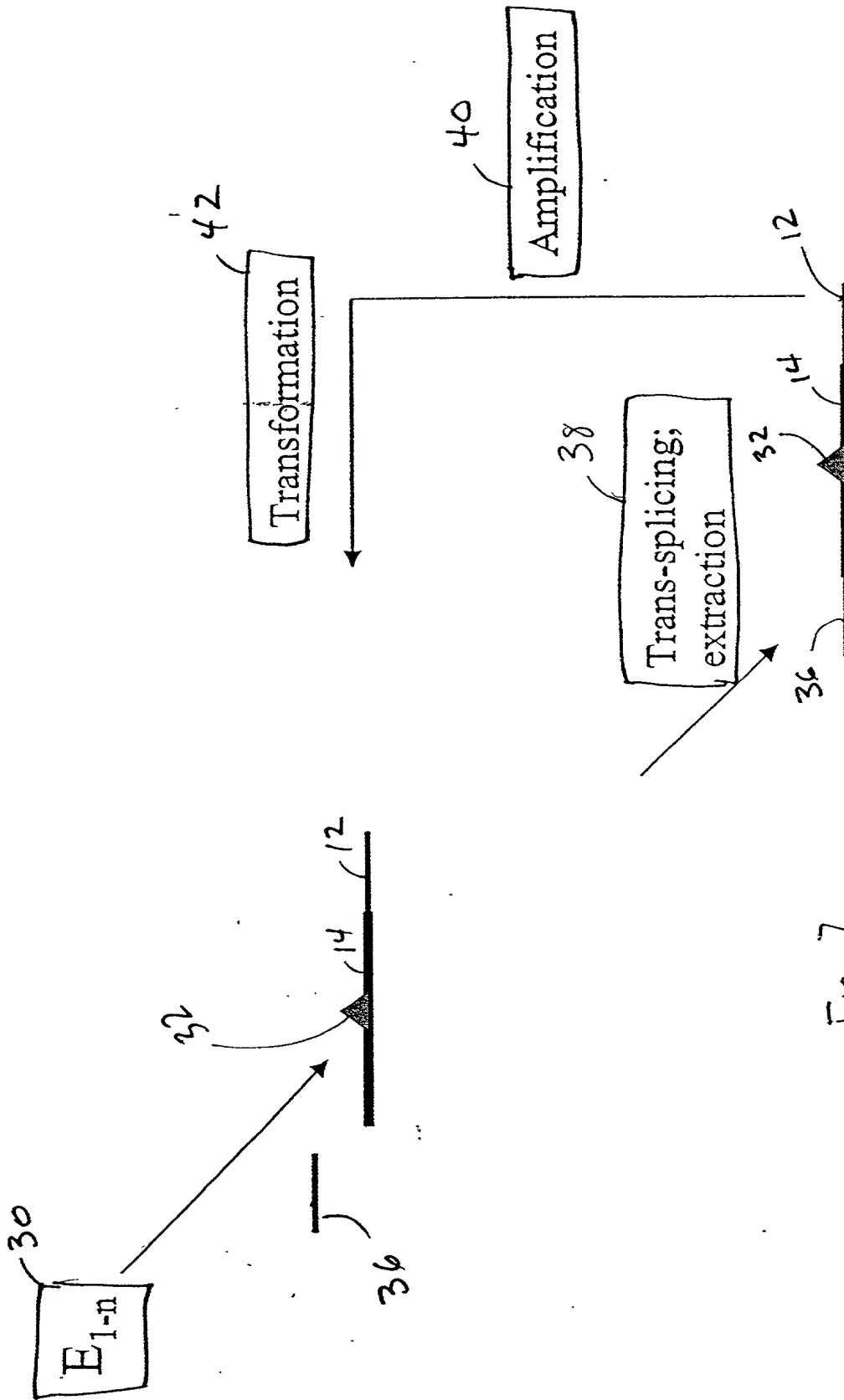


Fig. 7

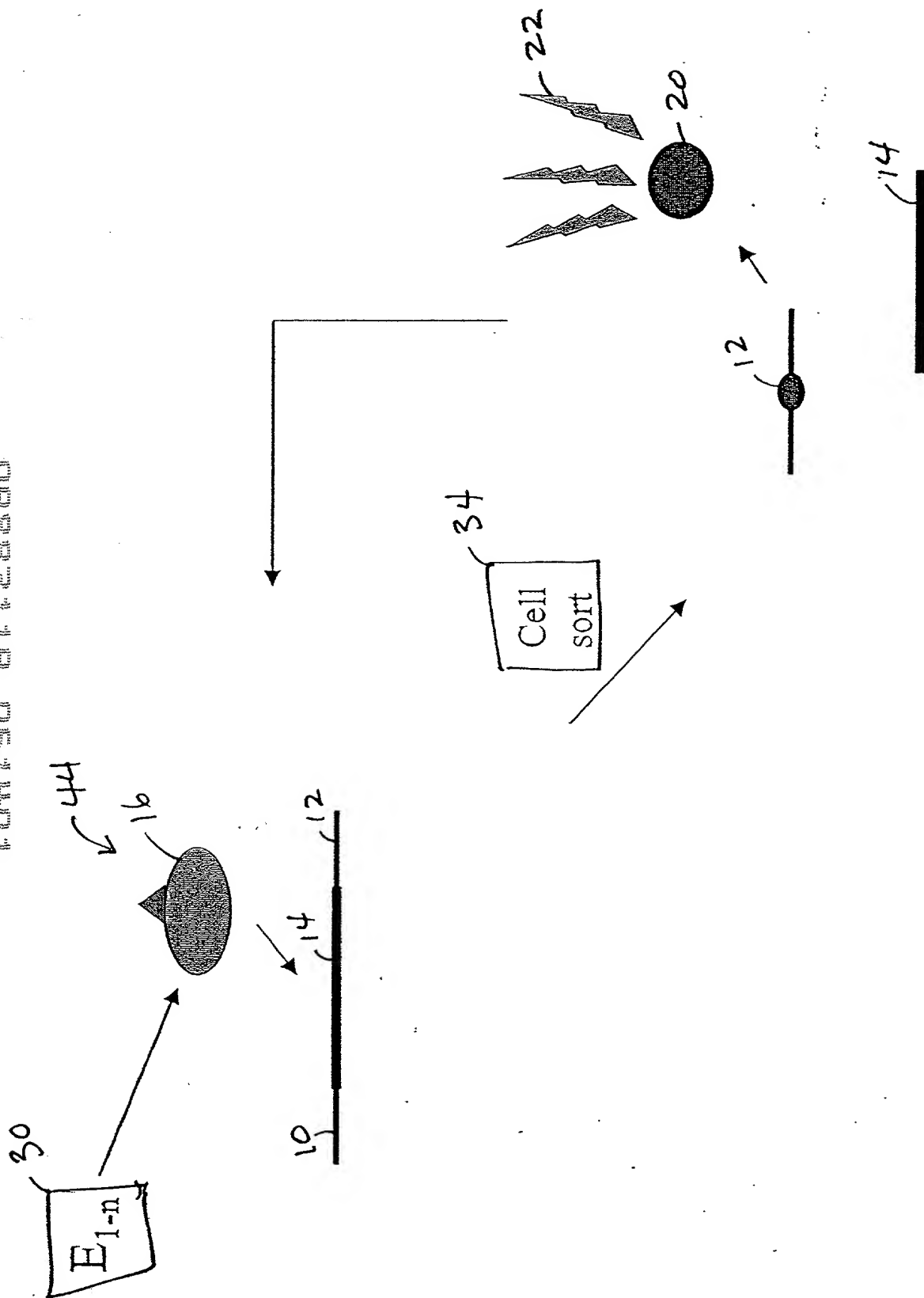


Fig. 8

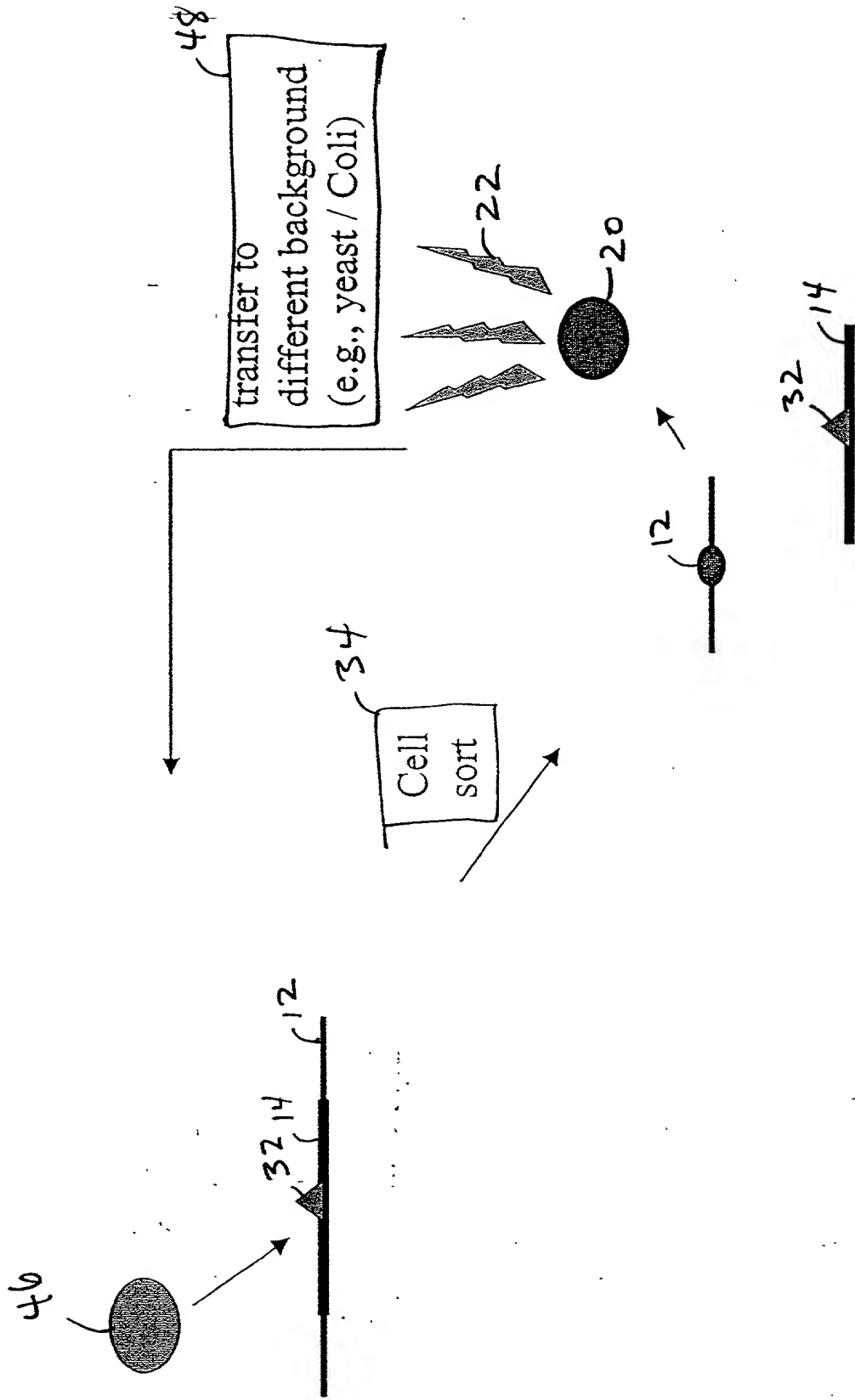


Fig. 9

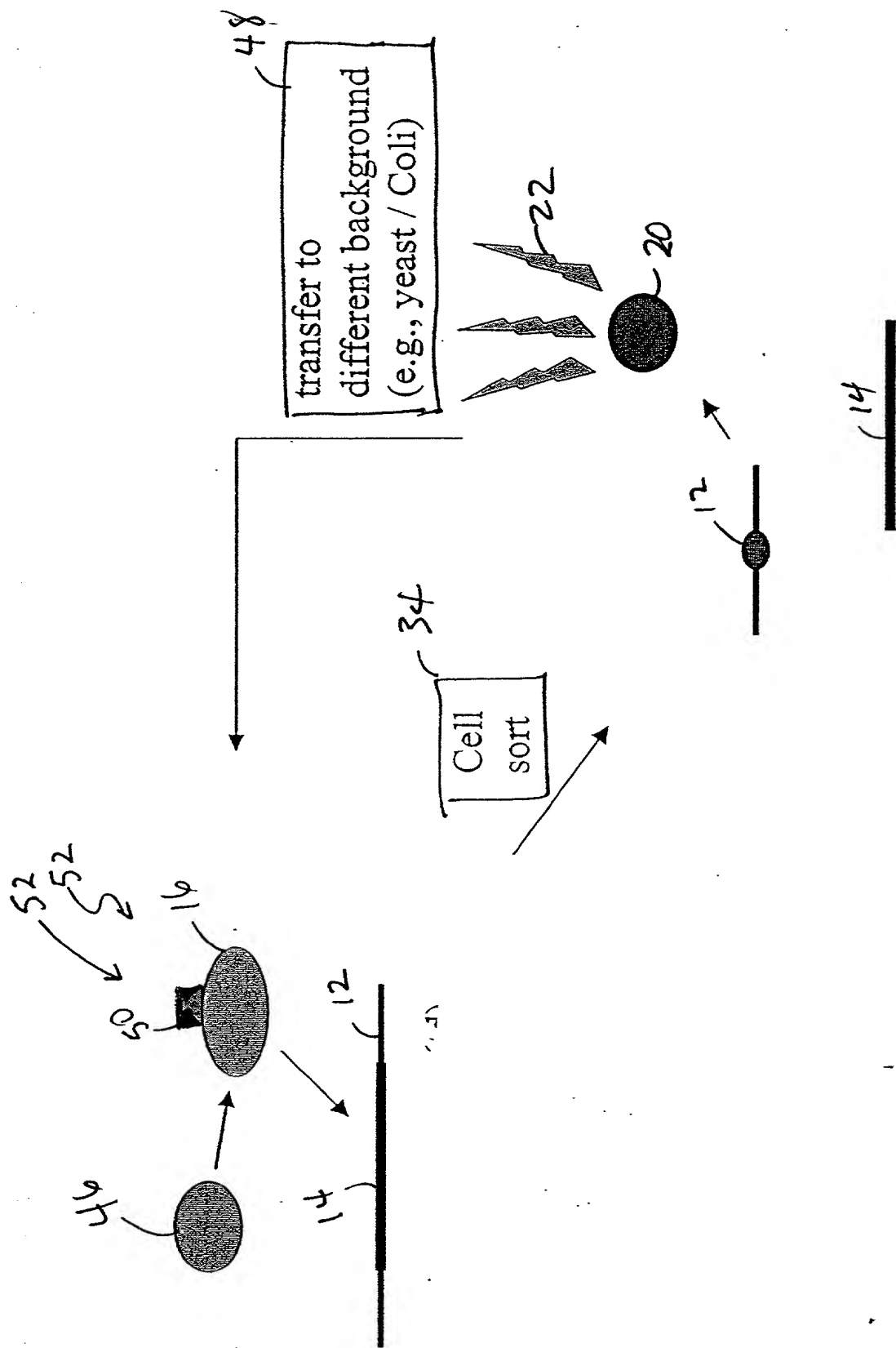


Fig. 10

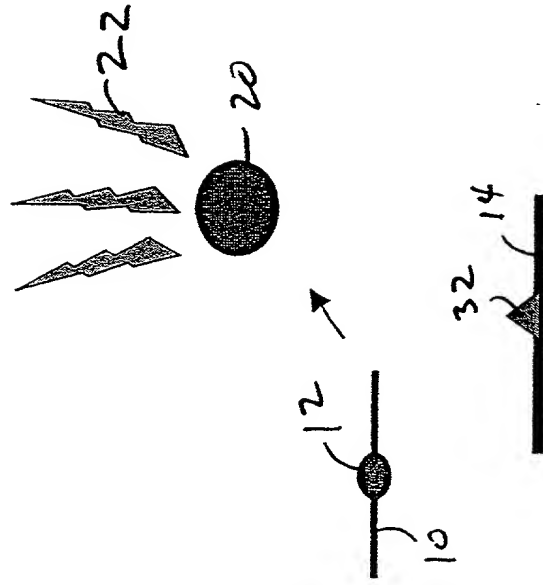
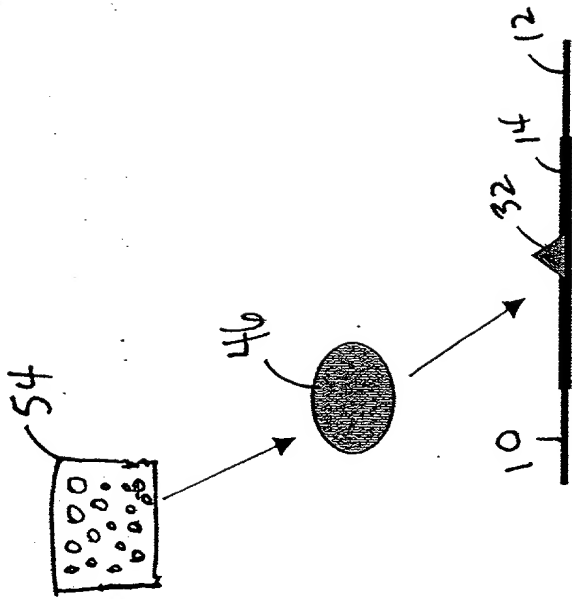


Fig. 11

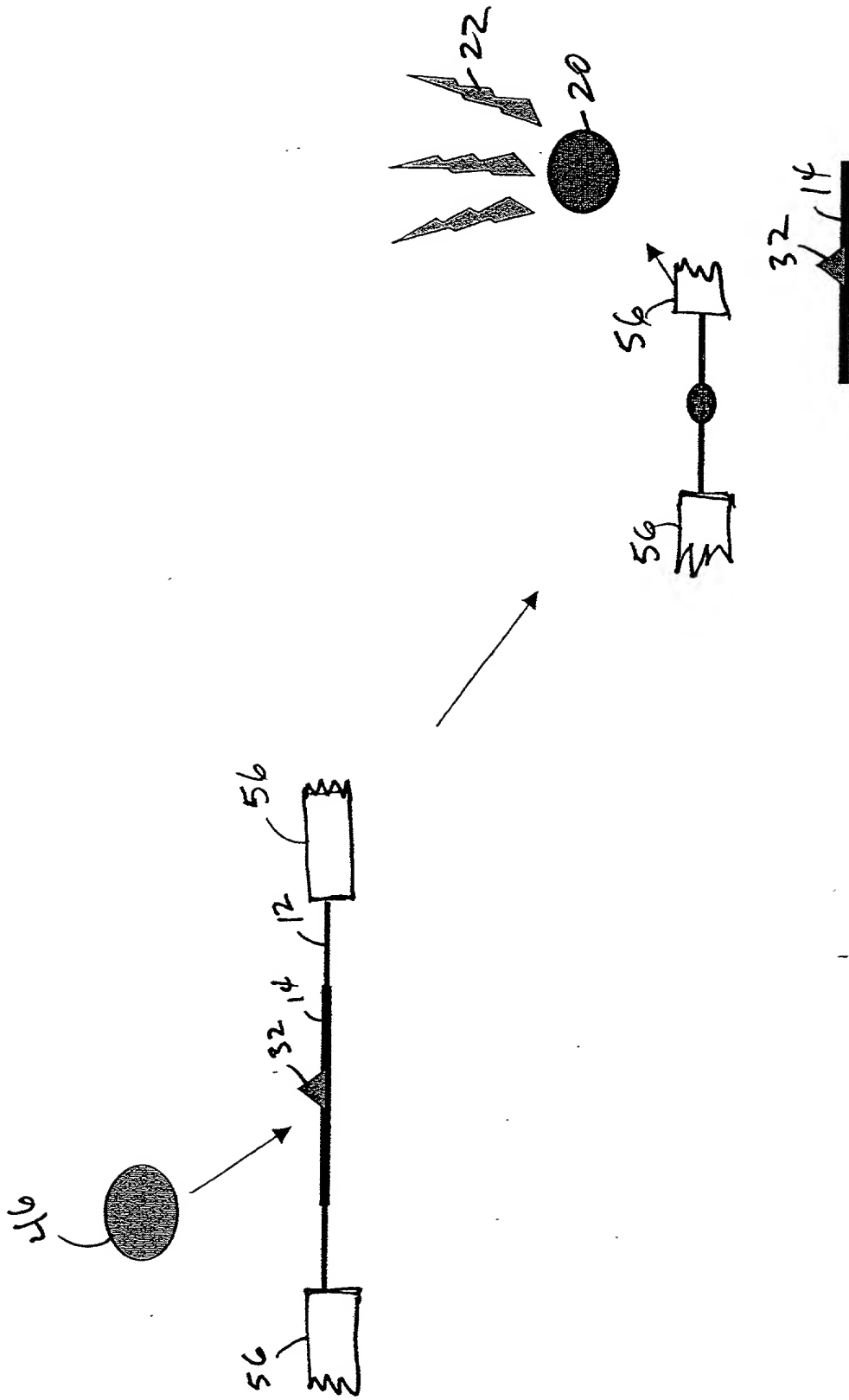


Fig. 12

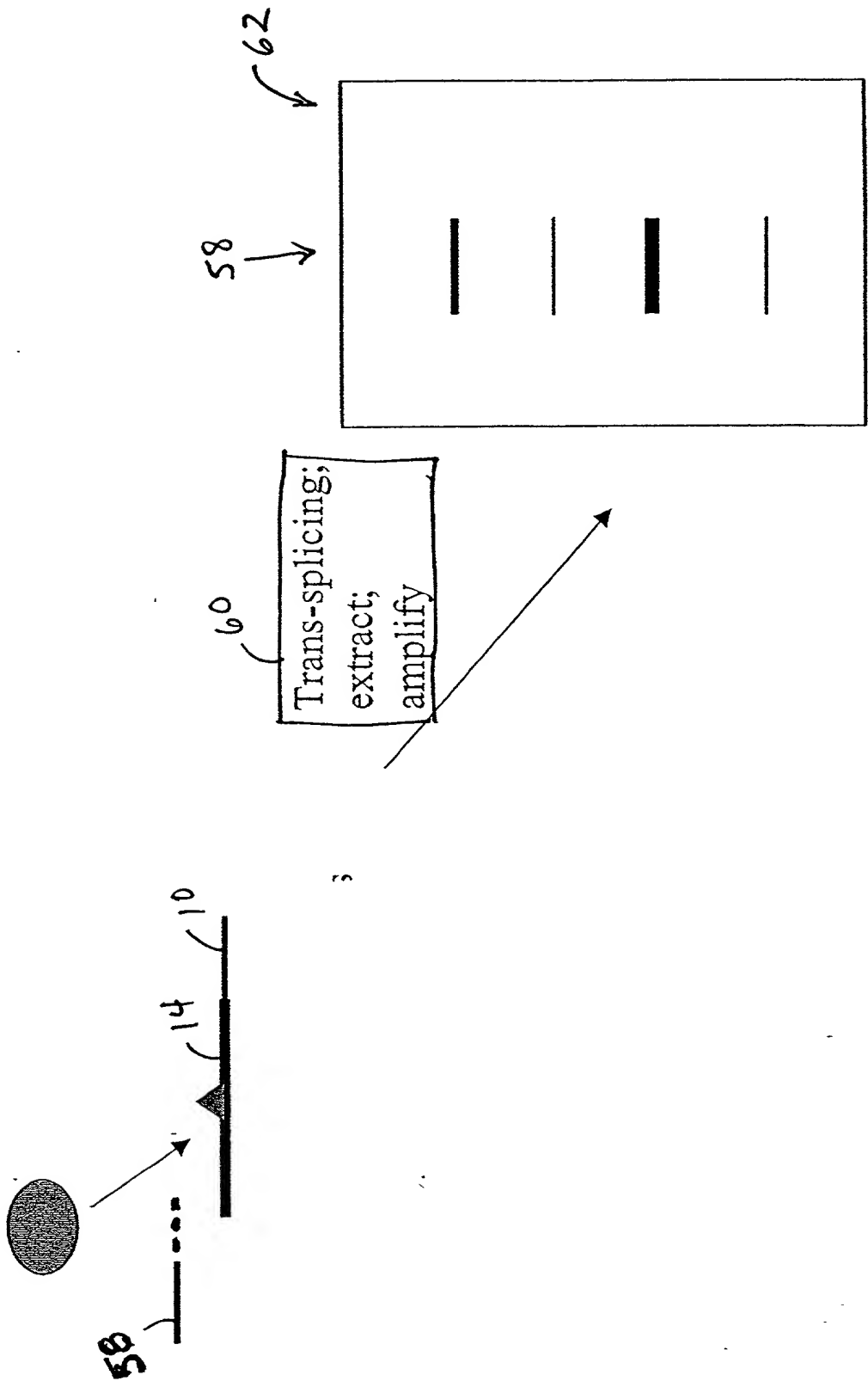


Fig. 13



← Direction of movement

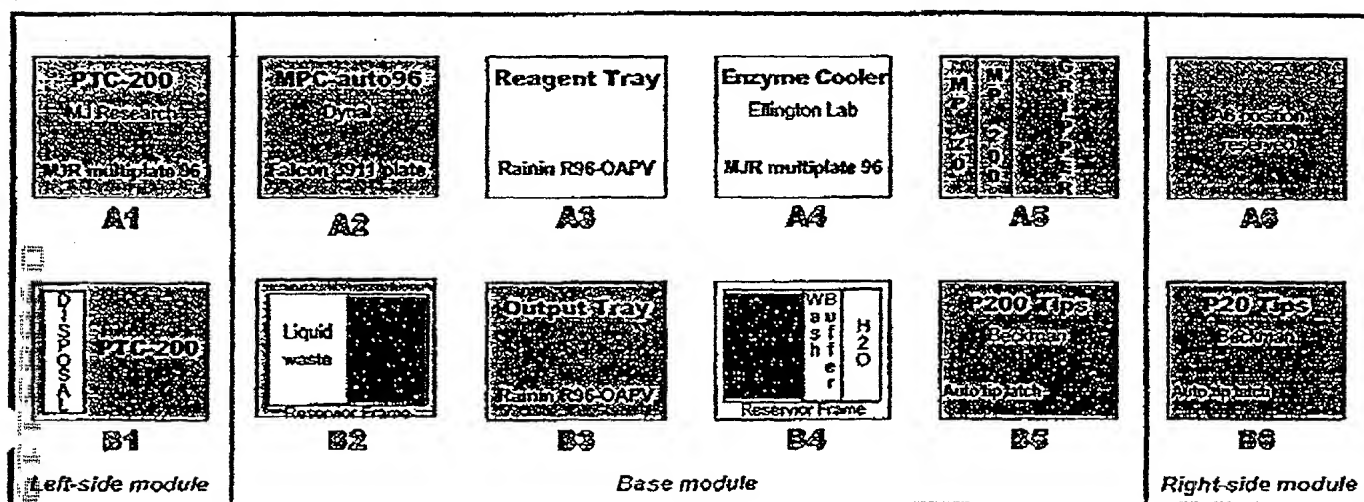


Fig. 14

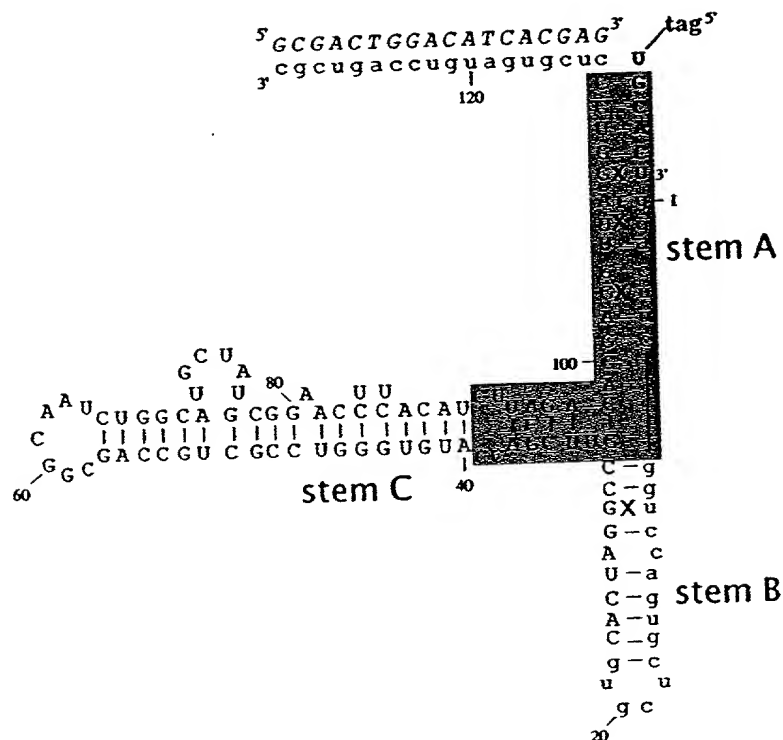


Fig. 15a

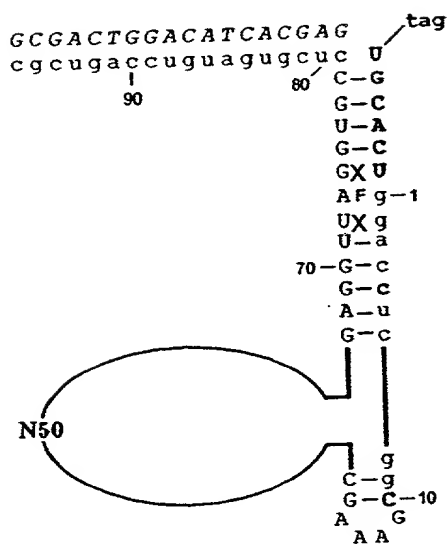


Fig. 15b

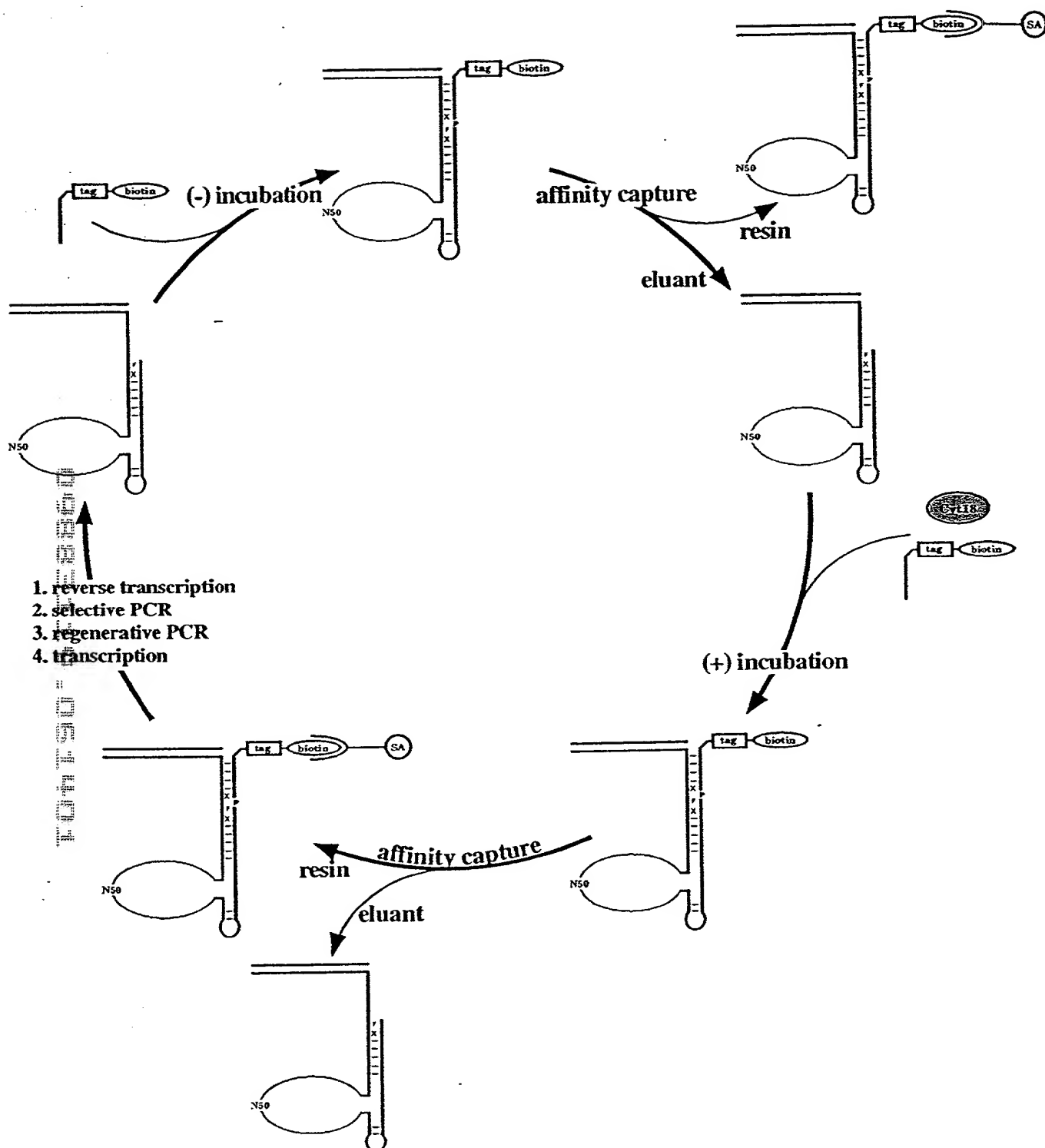


Fig. 15 c

Fig 16a

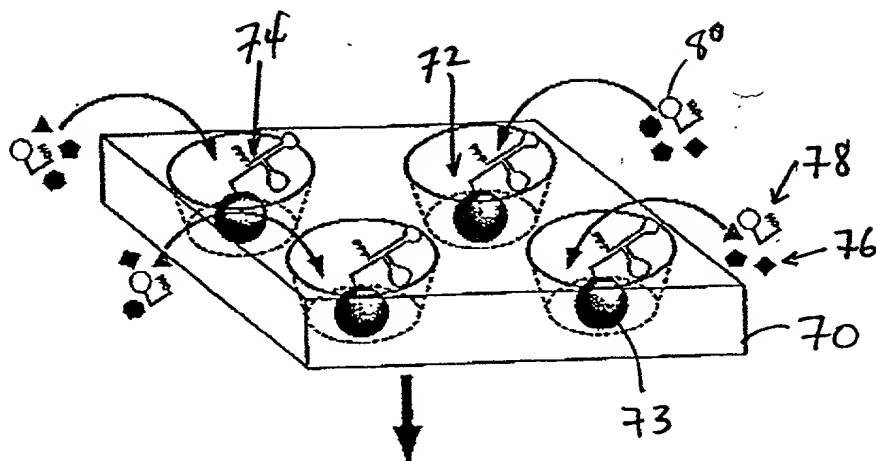


Fig 16b

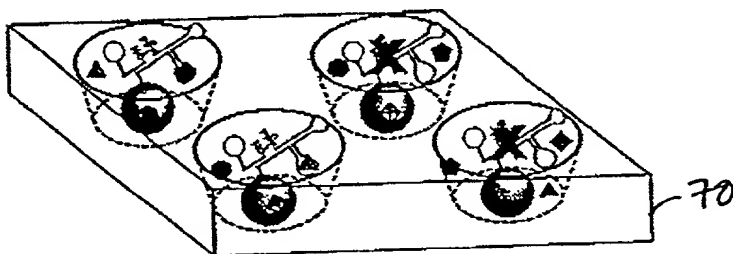


Fig 16c

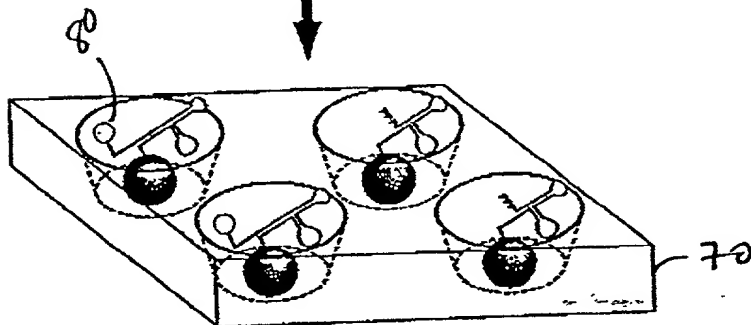


FIG. 16a, 16b, 16c

Figure 17

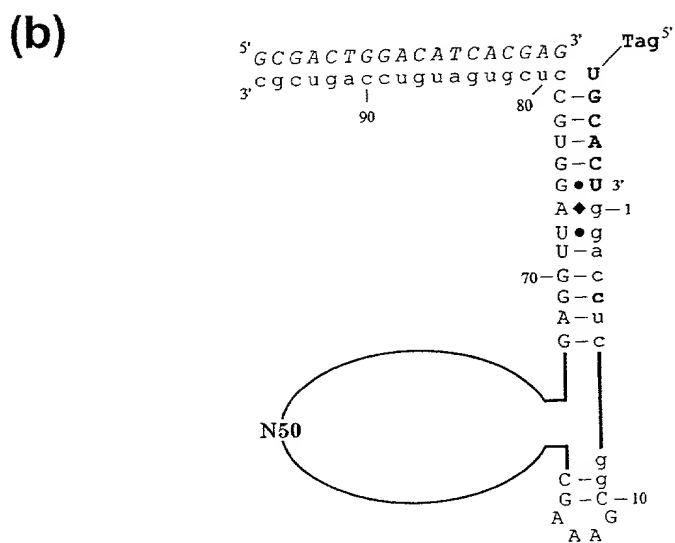
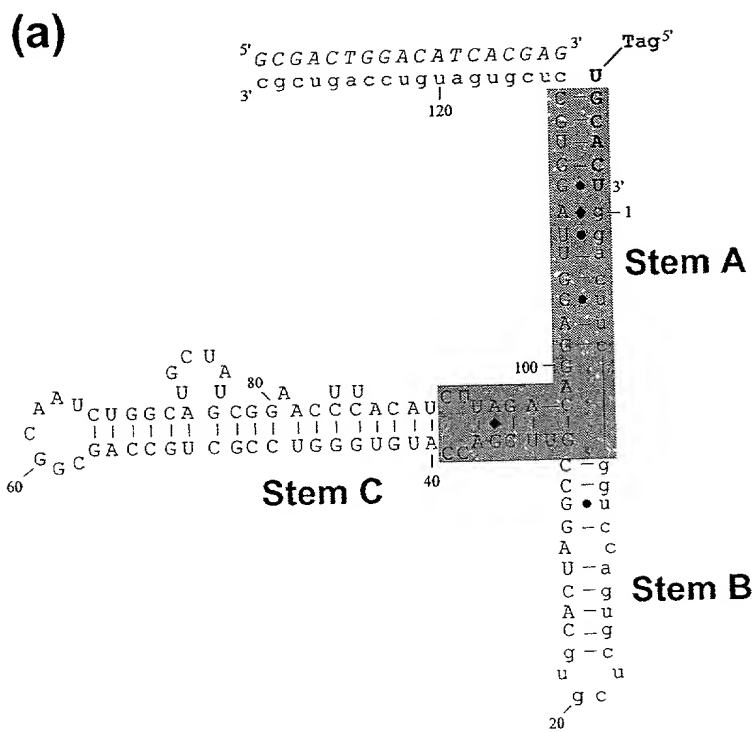


Figure 17

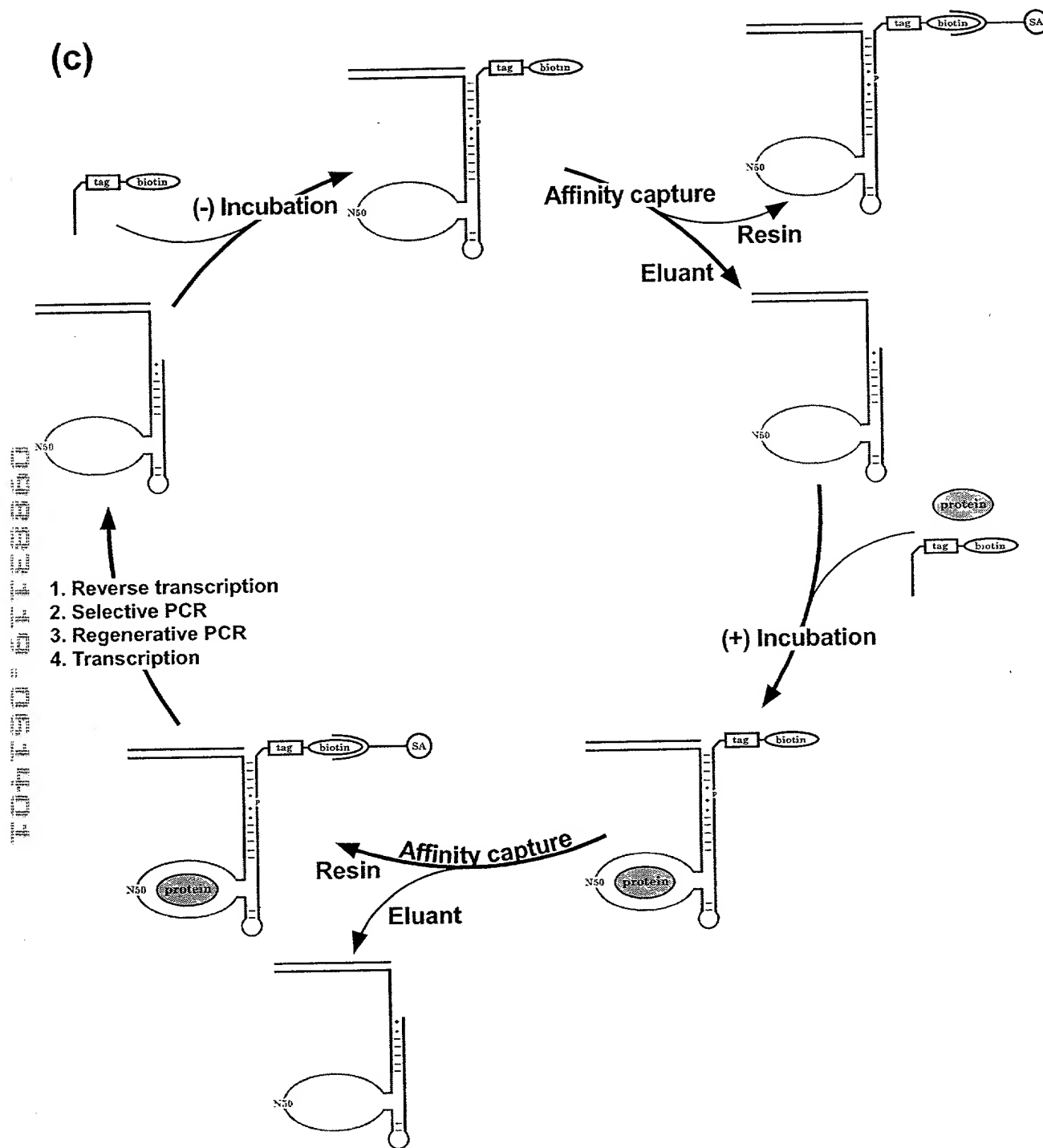


Figure 18

(a)

Round	(-) Incubation		(+) Incubation		Activation
	Substrate	(-) Cyt18	Substrate	(+) Cyt18	
1			2X	14 h	
2	2X	20 h	2X	14 h	
3	2X	20 h	2X	8 h	0.9
4	2X	20 h	2X	1 h	1.0
5	4X	44 h	2X	1 h	26
6	4X	45 h	2X	15 min	1800
7	4X	91 h	2X	5 min	61000
8			1X	30 s	66000
9	4X	20 h	1X	30 s	76000

(b)

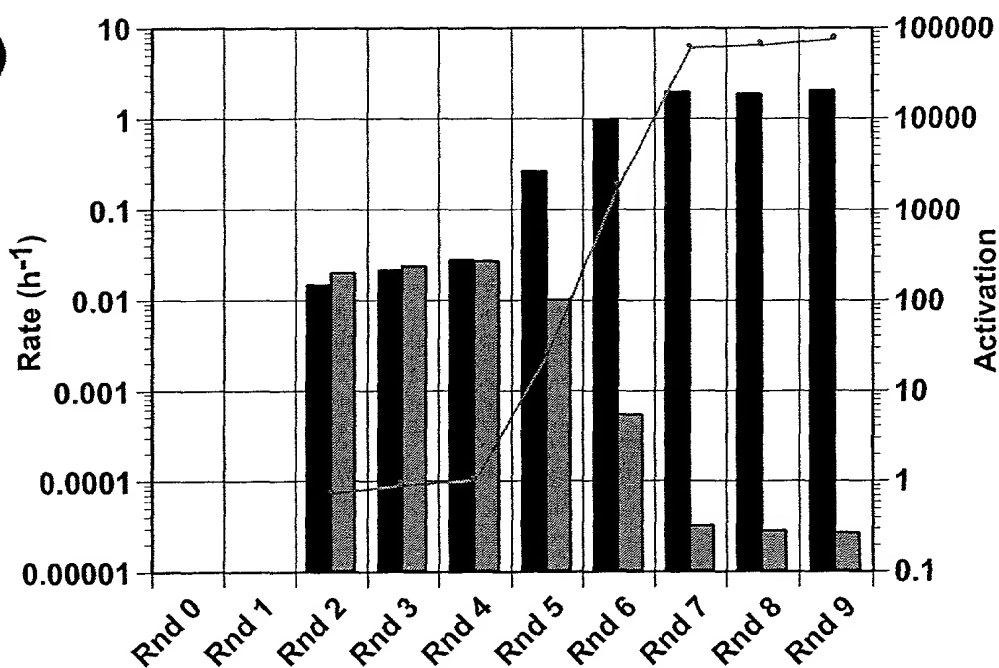


Figure 18

(c)

Round	(-) Incubation		(+) Incubation		Activation
	Substrate	(-) Lys	Substrate	(+) Lys	
1			2X	16 h	
2	2X	22 h	2X	14 h	1.0
3	2X	20 h	2X	8 h	1.0
4	2X	18 h	2X	1 h	1.0
5	4X	44 h	2X	1 h	1.0
6	4X	44 h	2X	15 min	1.7
7	4X	90 h	2X	15 min	5.0
8	4X	93 h	2X	5 min	270
9	4X	92 h	2X	1 min	630
10			1X	30 s	780
11	4X	118 h	1X	30 s	820

(d)

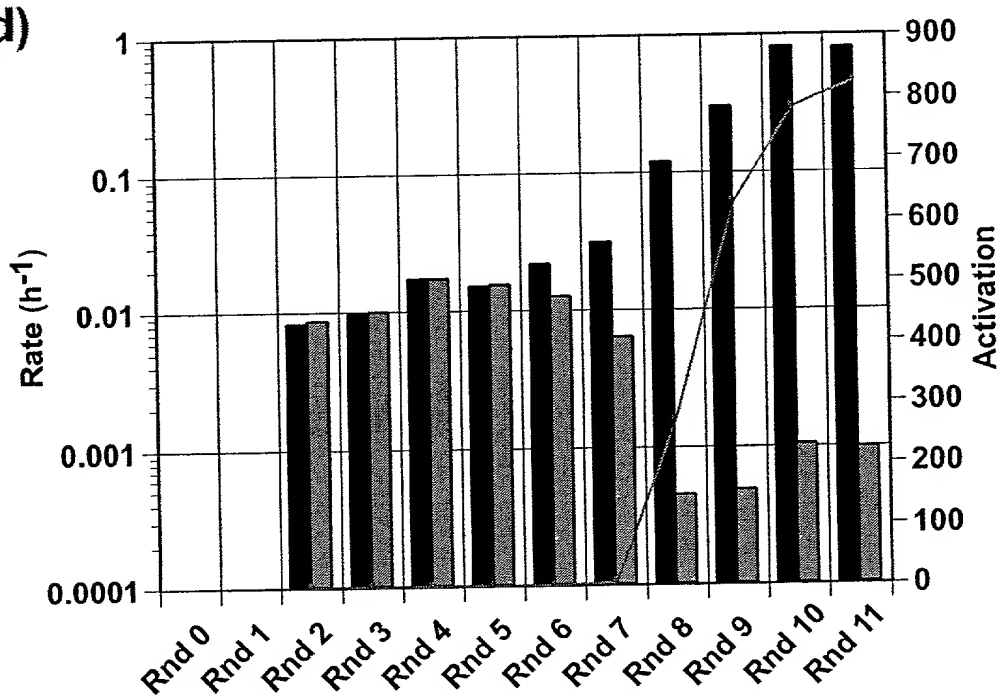


Figure 19

(a)

cyt7-2 (0.61) CGGAAGCAAGGAGAGACGTCCTTGGAGGAGCAAGGG-----GTCTTACAGTCAGT
 cyt7-6 (0.22) CAGAGCATTAAAGG---ACGGGTGACTCTTTAGTTAGGCTCCC GTTAGTCTTAGG
 cyt7-1 (0.08) CAGAGCATGAAGCGGCCACGGGTGGGATGTTGCCCTTG-----GTCAGTCTTGGG
 cyt9-2 (0.03) AGGAACCCCCAGATTGTGTCGGGCTGTTATGCGTCGTTTATTGAGATTAC
 cyt9-16 (0.03) CAGTACGTTAATATCCCGGAGCTAGGTGCTTCTTGTGGACAGTTATGGG
 cyt9-18 (0.03) GCACACAGCACTATATTGCTTGGTCGGAGCGTTTCGTTTATTGAGTTTAC

 lys11-2 (0.50) TAACGTCTCATGGCTAAATTGCCATGT-TGCTACAAATGATATGACTAGA
 lys11-3 (0.38) TAACGAAGACTTTGGTGACCGGCTAGTCTTC TATTAATGAGATGACGAGA
 lys11-28 (0.08) TAAC TCCCGCACTTAGGAACGGGTGCTGGA-TAAAAATGATATGACGAGA
 lys11-6 (0.04) TTTAAACGAGAGAATTGGCAGTACCGTGCT-GGTTCGAGATAACGAGA

(b)

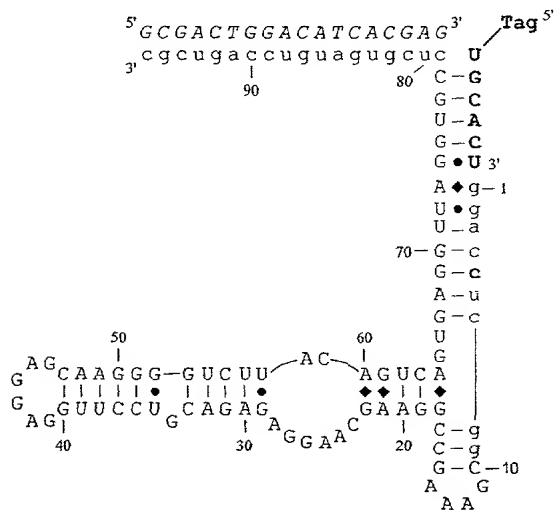


Figure 20

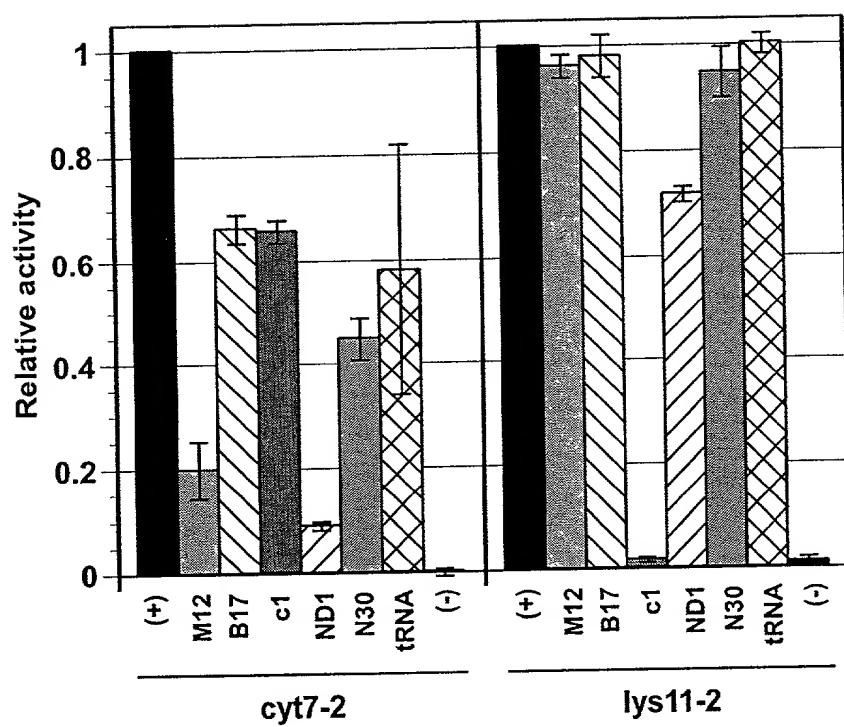


Figure 21

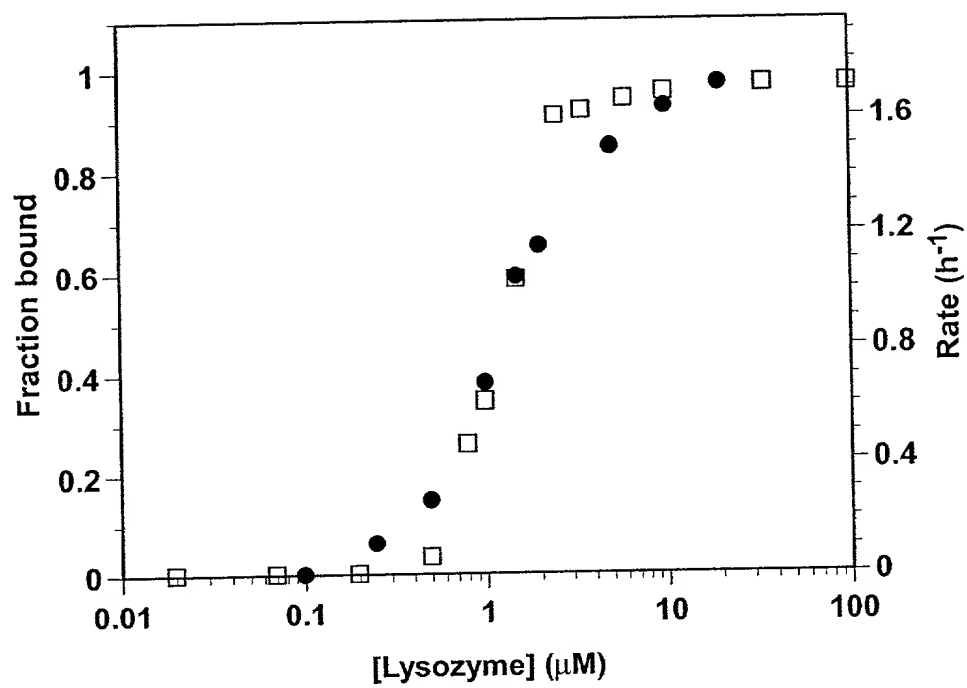


Figure 22

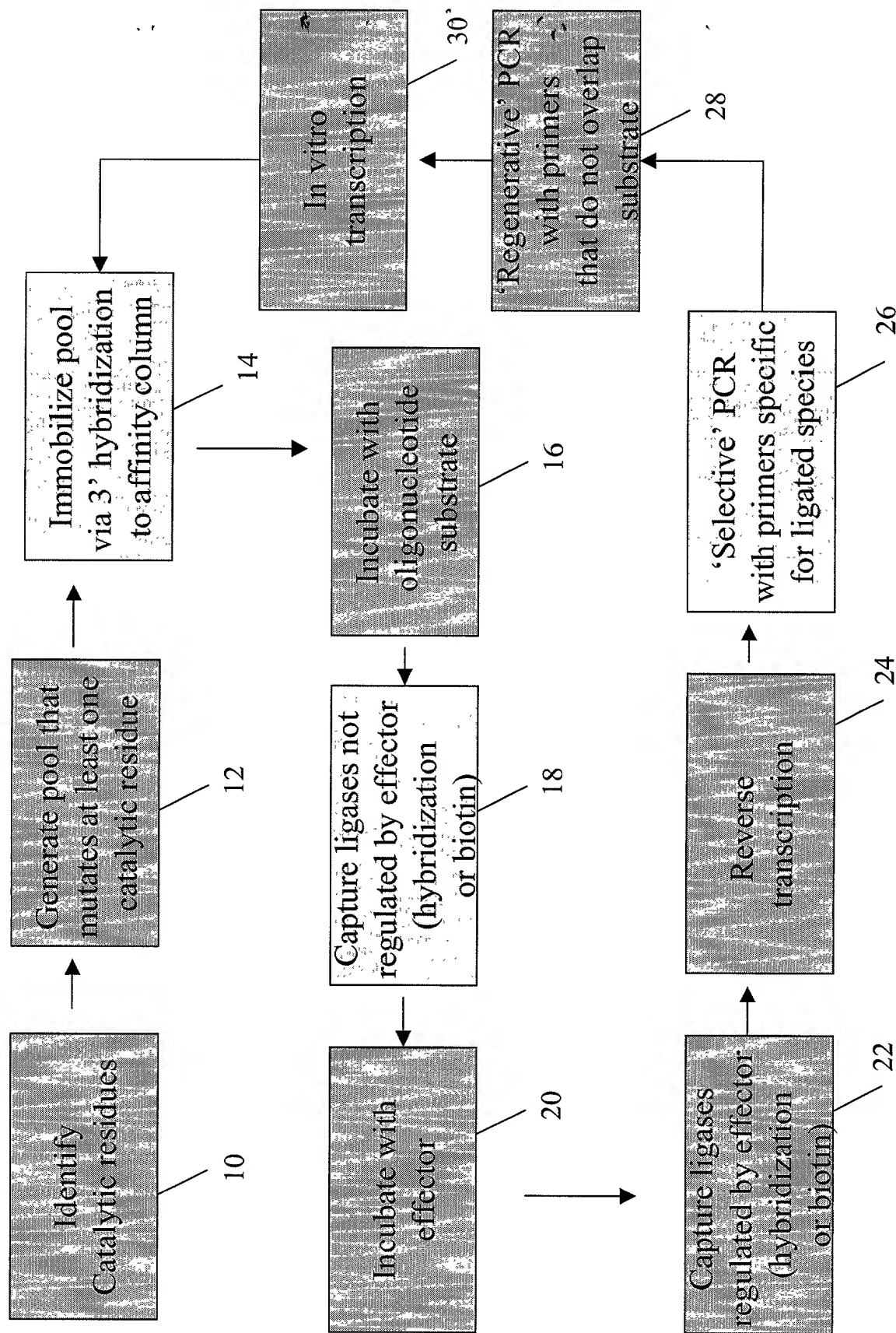


FIGURE 23

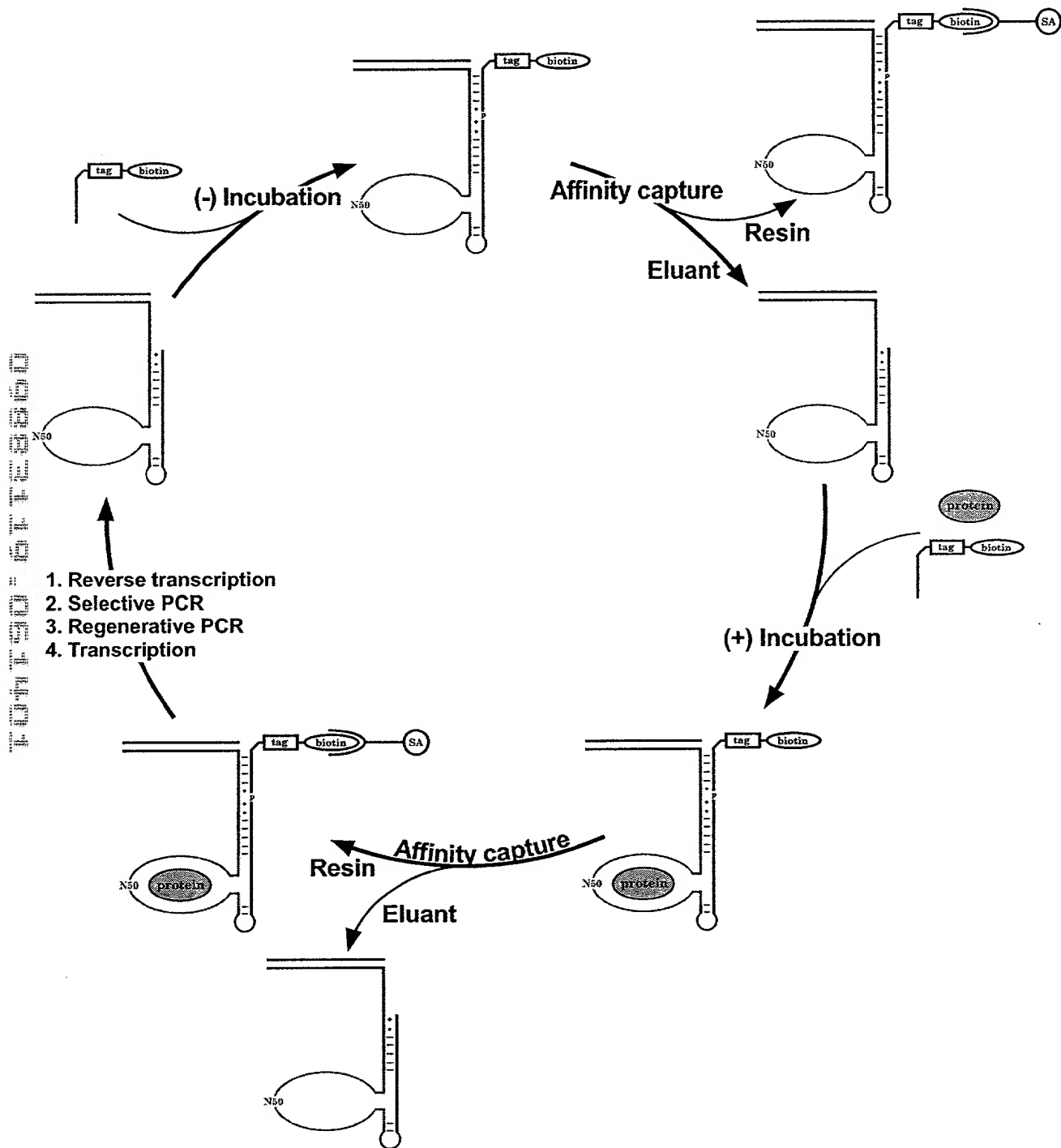


FIGURE 24

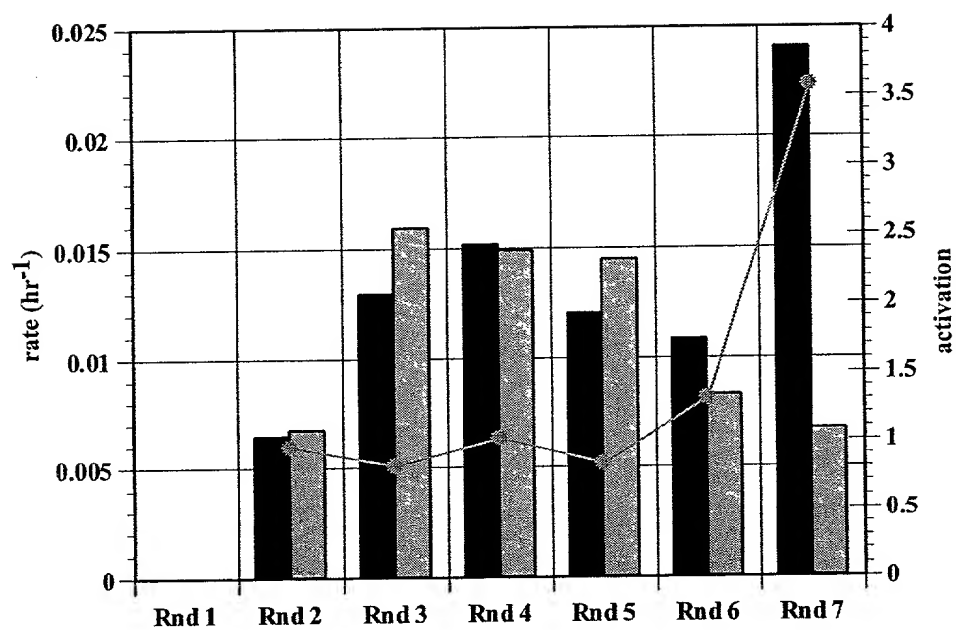


FIGURE 25

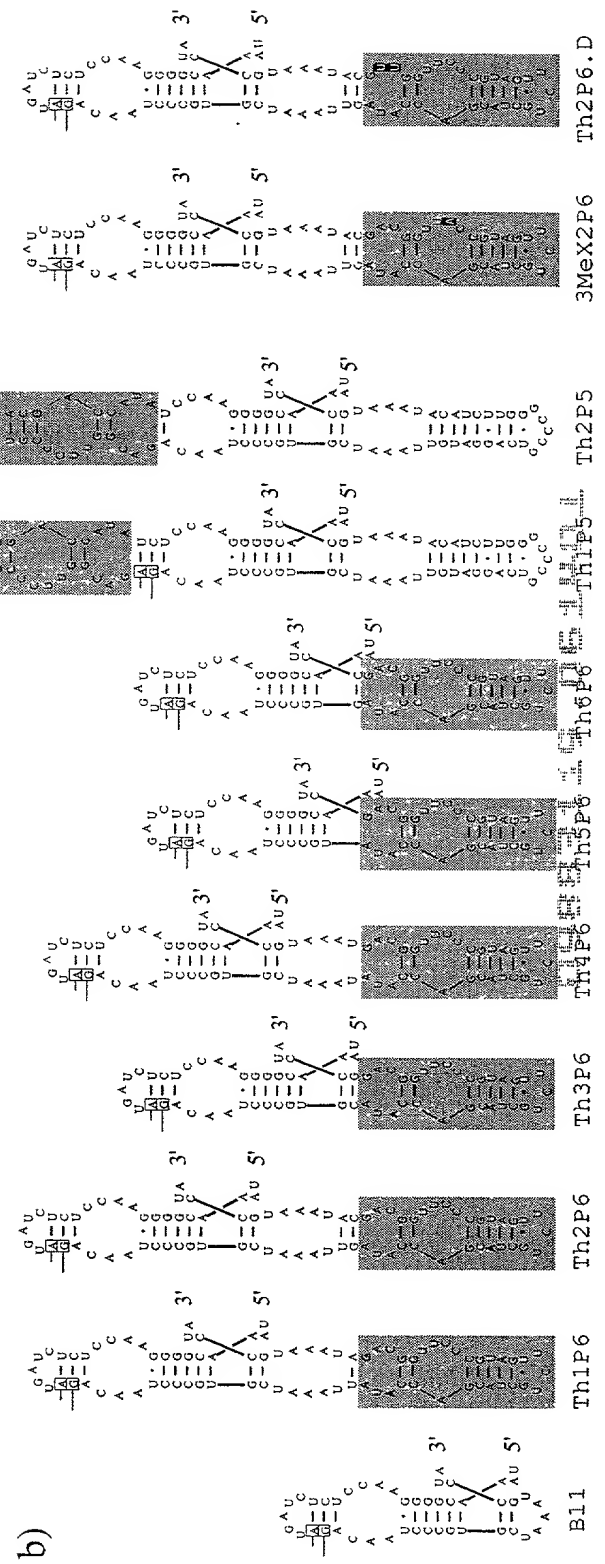
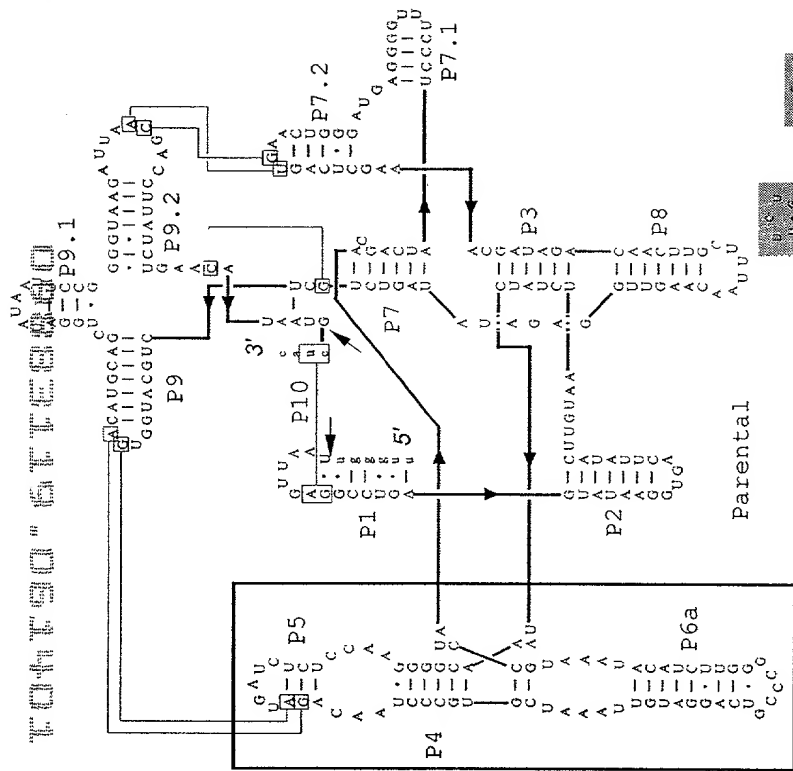
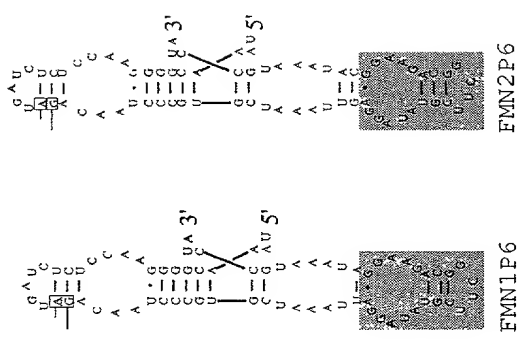


FIGURE 26



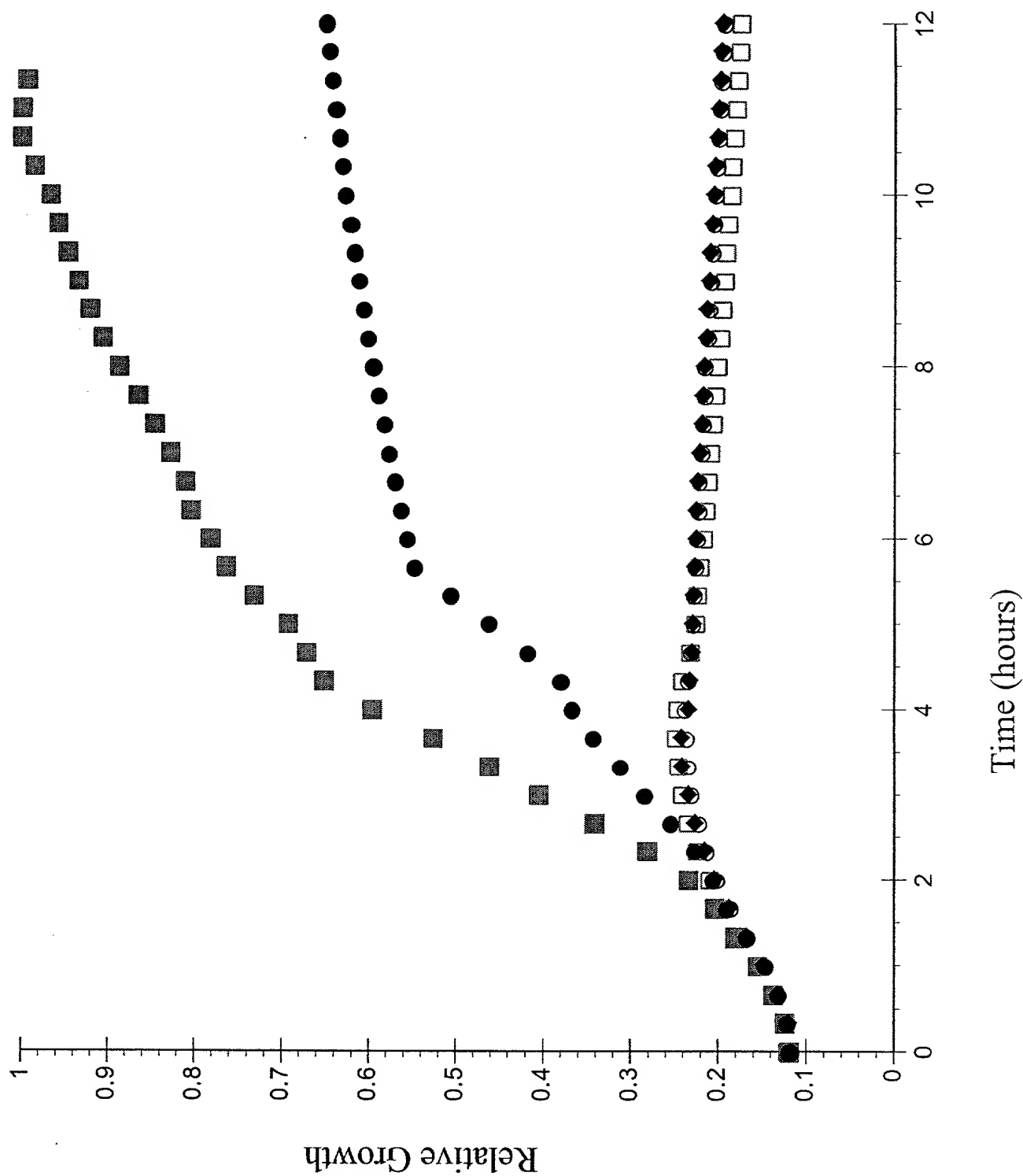


FIGURE 27(a)

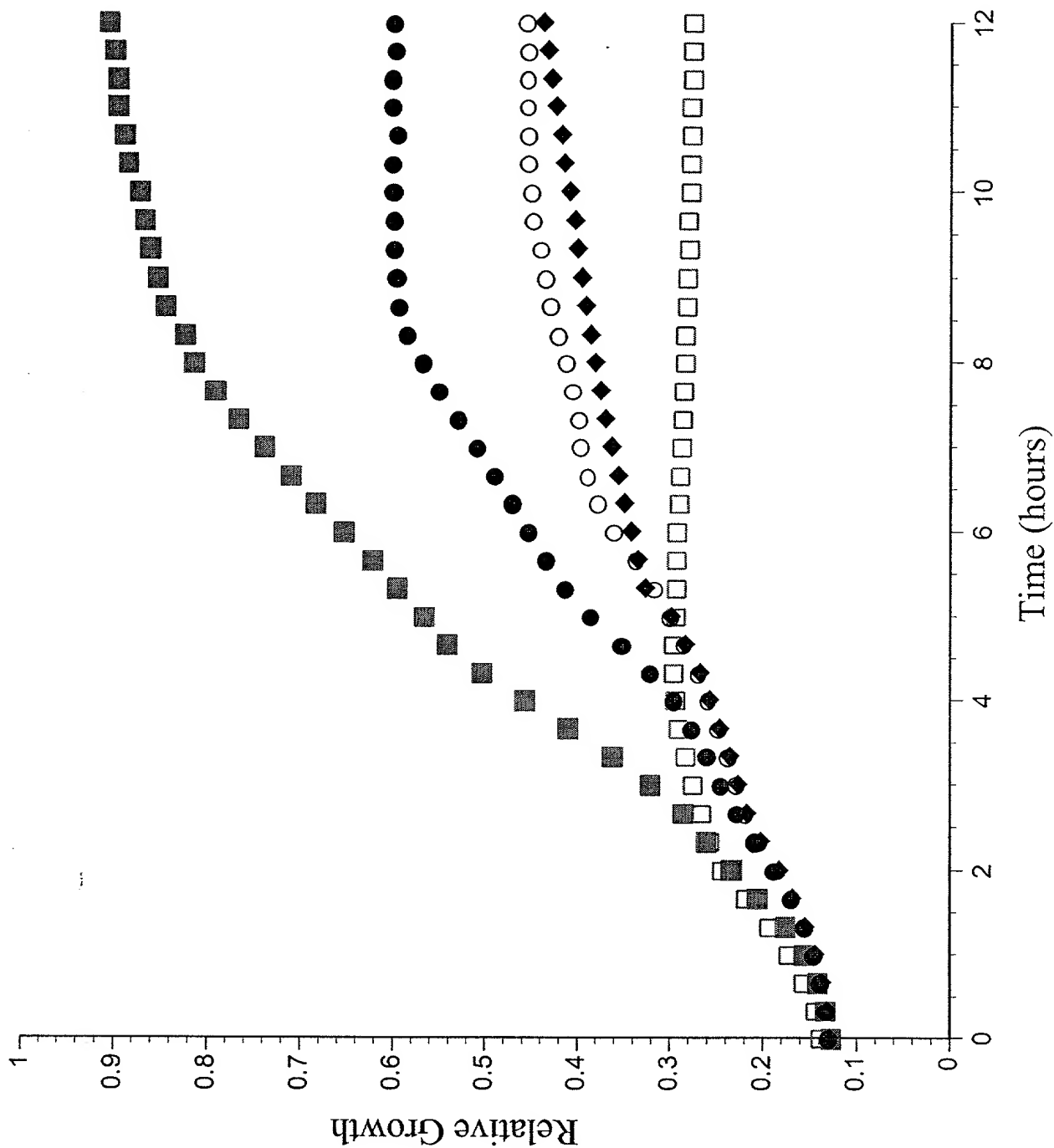


FIGURE 27(b)

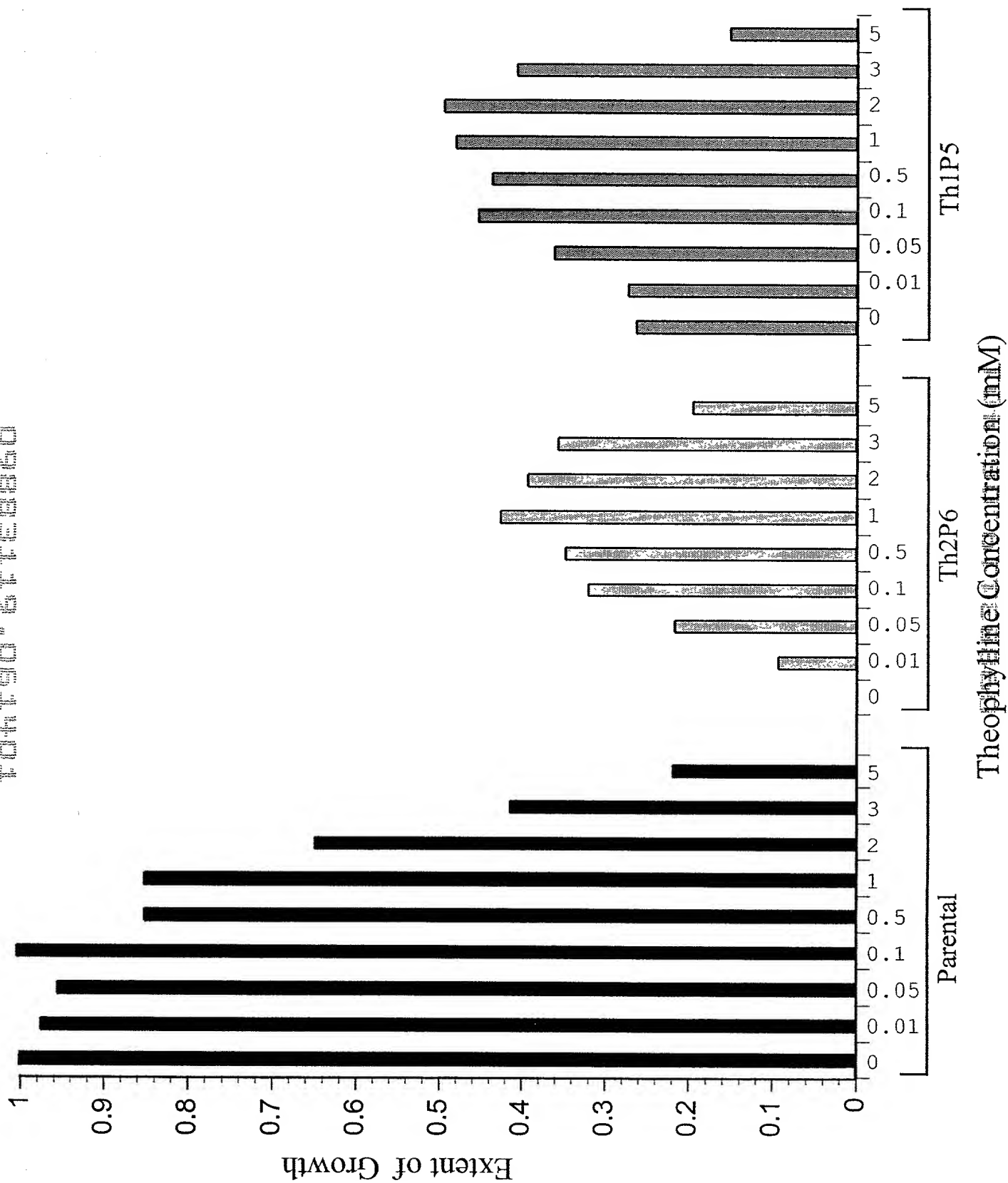


FIGURE 27(c)

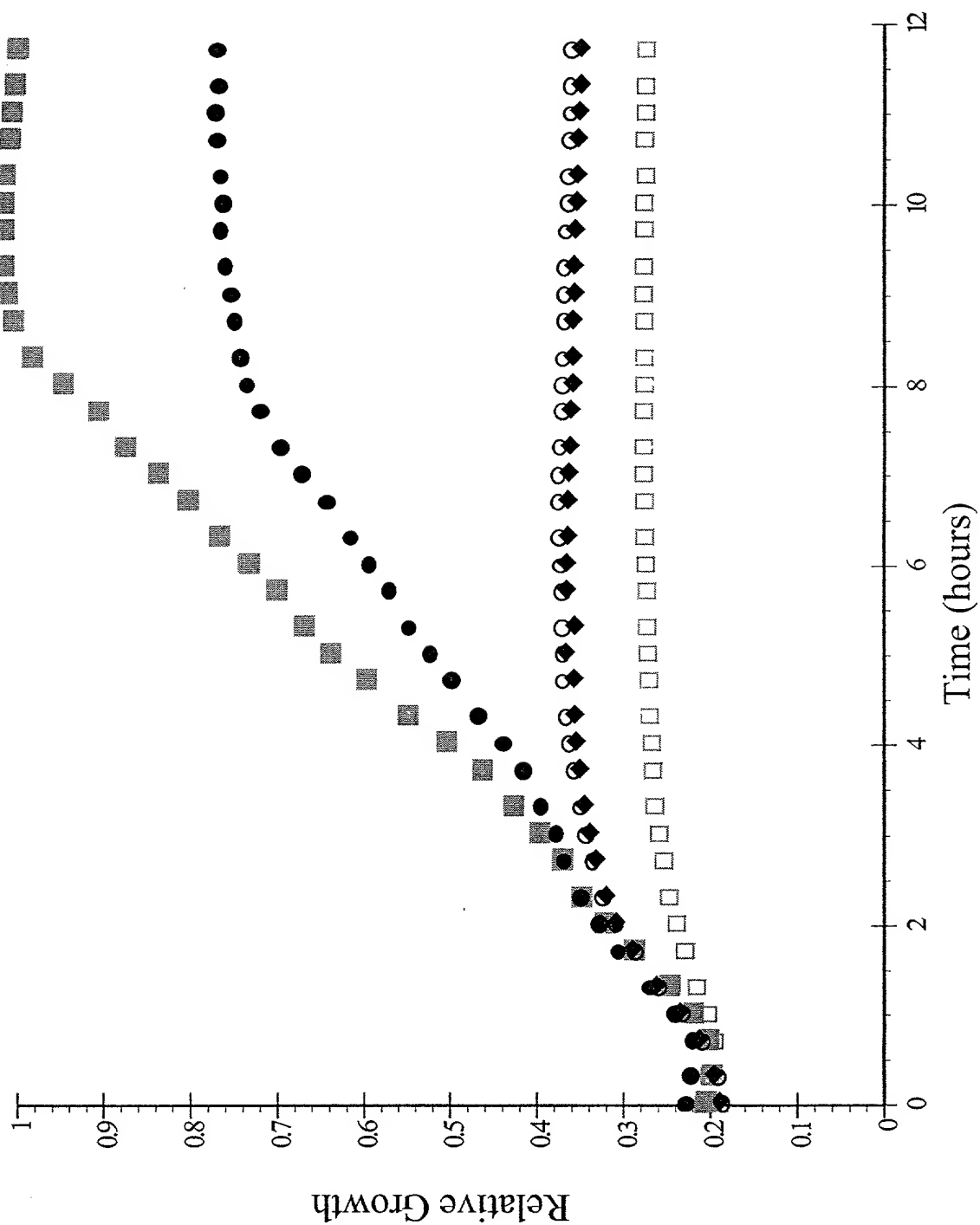


FIGURE 28

FIGURE 29

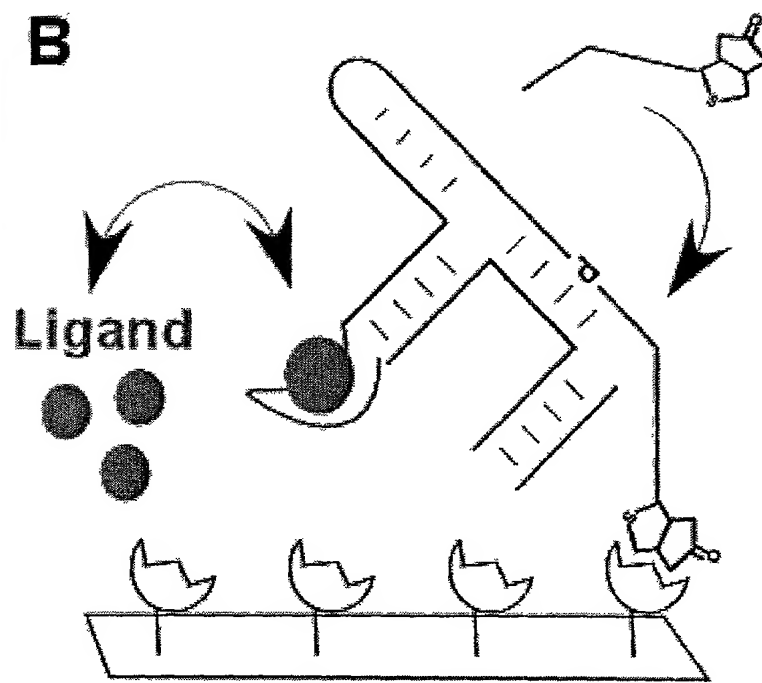
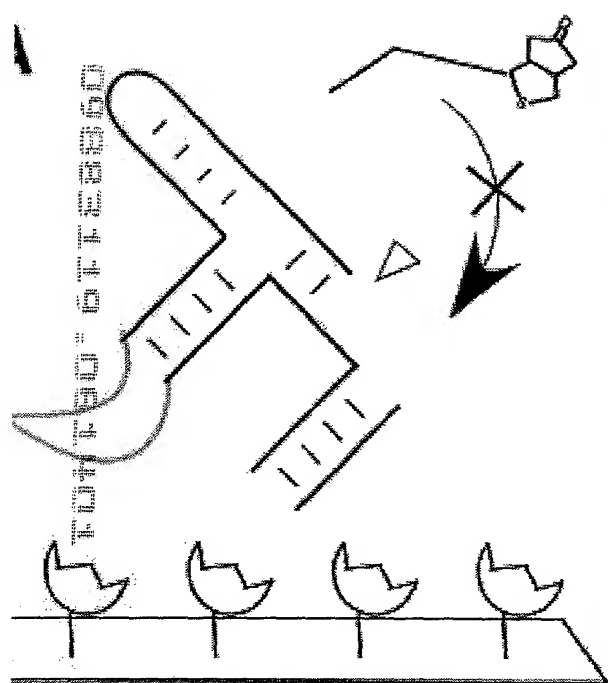


FIGURE 30

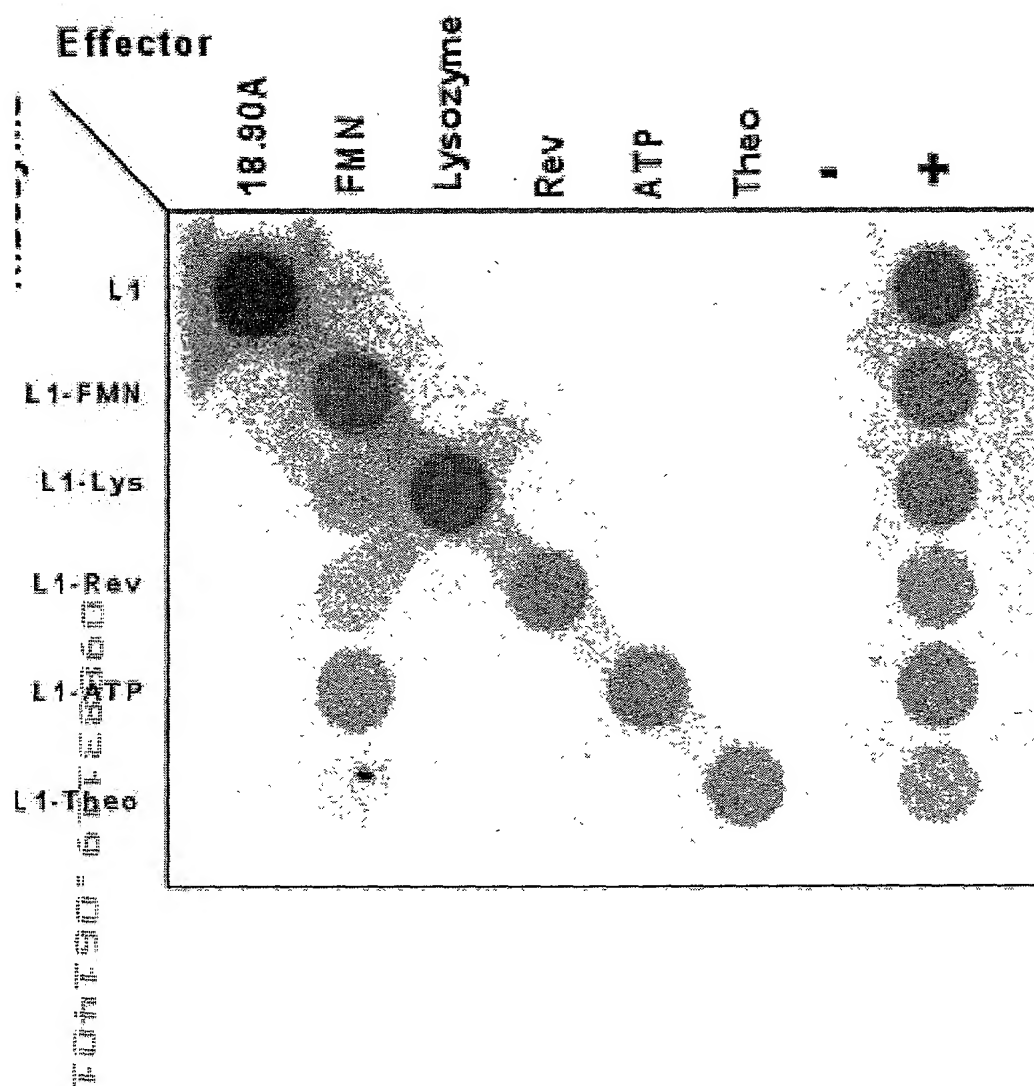
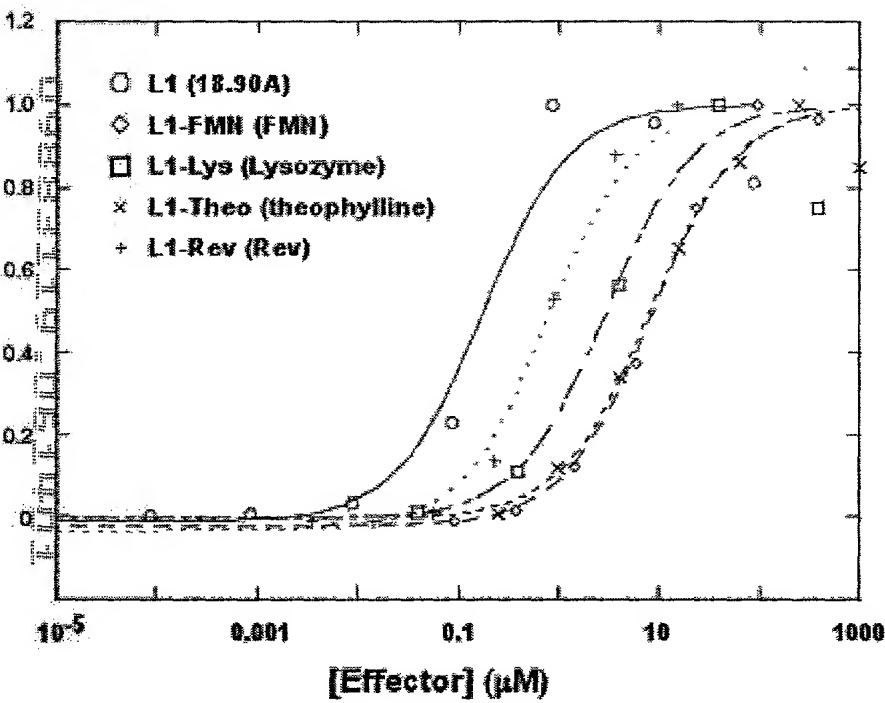


FIGURE 31



<u>Rz</u>	<u>K_d (μM)</u>	<u>% Bound (max)</u>
L1	0.16	16.5
L1-FMN	7.96	14.0
L1-Lys	2.13	22.7
L1-Theo	8.02	3.48
L1-Rev	0.77	19.0